



Internet-Free Summary

(All tables adapted with information from: <https://www.computerhope.com/history/index.htm>).

Date	Events: BC- 1000 AD
50,000 B.C.	The first evidence of counting is dated back around 50,000 B.C.
30,000 B.C.	Paleolithic peoples in Europe recorded numbers by notching tallies on bones, ivory, and stone.
4000 B.C.	Metals began being created and used.
3500 B.C.	The first evidence of writing is dated back to around 3,500 B.C.
3400 B.C.	Egyptians developed a symbol for the number 10, making counting larger numbers easier.
3300 B.C.	The Bronze Age began.
3000 B.C.	Hieroglyphic numerals are first used in Egypt.
2600 B.C.	Chinese introduced the abacus.
1350 B.C.	Chinese used the first decimal.
1350 B.C.	Iron began being developed.
1000 B.C.	The Antikythera mechanism is believed to be first created.
300 B.C.	Mathematician Euclid published his <i>Elements</i> , 13 books that summarize all mathematical knowledge of the Greeks. 300 B.C. Euclid described the Euclidean algorithm for finding the greatest common divisor that is considered the first algorithm. His axioms provided the foundation of mathematics and geometry, and are still taught today.
300 B.C.	The Salamis Tablet, Roman Calculi, and hand-abacus, much like today's abacus.
260 B.C.	The Maya developed base-20 system of mathematics, which introduce zero.
1000 A.D.	A churchman by the name of Gerbert d'Aurillac, who became Pope Sylvester II, introduced the abacus and Hindu-Arabic math to Europe.

Date	Events: 1000's – 1400's
1232	Ramon Llull is born c. 1232.
1315	Ramon Llull passes away c. 1315 (Age: 83)
1395	Johannes Gutenberg is born circa 1395.
1440	Johannes Gutenberg completes his development of the Gutenberg press, the first printing press.
1452	Leonardo da Vinci was born on April 15, 1452.
1468	Johannes Gutenberg passed away on February 3, 1468.
1492	Leonardo da Vinci makes drawing of 13-digit cog-wheeled adder.

Date	Events: 1500's
1500	Leonardo da Vinci invents the mechanical calculator.
1502	Peter Henlein, a craftsman from Nuremberg Germany, creates the first watch.
1519	Leonardo da Vinci passed away on May 2, 1519 (Age: 67).
1550	John Napier was born in 1550.
1561	-Francis Bacon was born on January 22, 1561. -Henry Briggs was born in February 1561.
1571	Johannes Kepler was born on December 27, 1571.
1581	Edmund Gunter was born in 1581.
1592	Wilhelm Schickard was born on April 22, 1592.
1596	René Descartes was born on March 31, 1596.



Date	Events: 1600's
1600	-William Gilbert coins the term electricity from the Greek word electra. -The Microsoft Windows epoch time is set to start on January 1, 1601.
1605	Francis Bacon devises the Baconian Cipher, a cipher that used A's and B's to encode messages.
1613	-The word "computer" was first used in 1613 and was originally described a person who performed calculations or computations. The definition of a computer remained the same until the end of the 19th century when it began referring to a calculating machine. -Claude Perrault was born on September 25, 1613.
1614	John Napier illustrates and puts forward the idea of logarithms.
1617	-John Napier introduced a system called "Napier's Bones," made from horn, bone or ivory the device allowed the capability of multiplying by adding numbers and dividing by subtracting. -Tito Burattini was born on March 8, 1617. -John Napier passed away on April 4, 1617. (Age: 66-67).
1621	The circular slide rule is invented by William Oughtred.
1623	-Blaise Pascal was born on June 19, 1623. -The first known workable mechanical calculating machine is invented by German's Wilhelm Schickard. The machine is based on the idea of Napier's Bones, mentioned earlier.
1625	Samuel Morland was born in 1625.
1626	-Francis Bacon passed away on April 9, 1626 (Age: 65). -Edmund Gunter passed away on December 10, 1626 (Age: 45).
1630	-Henry Briggs passed away on January 26, 1630 (Age: 68). -Johannes Kepler passed away on November 15, 1630 (Age: 58).
1632	William Oughtred of Cambridge combines two Gunter rules to make a device that resembles today's slide rule.
1635	-Robert Hooke was born on July 28, 1635. - Wilhelm Schickard passed away on October 24, 1635 (Age: 43).
1642	-Frances Blaise Pascal invents a machine, called the Pascaline, that adds, subtracts, and carry between digits. -Isaac Newton was born on December 25, 1642.
1646	Gottfried Leibniz was born on July 1, 1646.
1650	René Descartes passed away on February 11, 1650 (Age: 53).
1662	Blaise Pascal passed away on August 19, 1662 (Age: 39).
1671	Gottfried Leibniz introduces the Step Reckoner, a device that multiplies, divides, and evaluates square roots.
1679	Gottfried Leibniz demonstrates binary arithmetic, a discovery that shows every number can be represented by 0 and 1 only.
1681	Tito Livio Burattini passed away on November 17, 1681 (Age: 64).
1688	Claude Perrault passed away in 1688 (Age: 75).
1695	Samuel Morland passed away on December 30, 1695 (Age: 70).

Date	Events: 1700's
1703	Robert Hooke passed away on March 3, 1703 (Age: 67).
1706	Benjamin Franklin was born on January 17, 1706.
1714	The first writing device (similar to a typewriter) to be patented is patented by Henry Mill in London England.
1721	Pierre Jaquet-Droz was born in 1721.
1724	Gabriel Fahrenheit proposes the Fahrenheit standard.



1725	In Lyon, France, Basile Bouchon invented a loom in 1725 that used a perforated paper tape roll that was later upgraded in 1728 by his assistant Jean-Baptiste Falcon to use punch cards. Although this loom predates the Jacquard Loom, it was not fully automated.
1726	Isaac Newton passed away on March 20, 1726 (Age: 84).
1732	Richard Arkwright was born on December 23, 1732.
1736	Johann Bishcoff was born on February 20, 1736.
1739	Philipp Hahn was born on November 25, 1739.
1743	Samuel Hopkins was born on December 9, 1743.
1745	Alessandro Volta was born on February 18, 1745.
1752	-On June 10, 1752, Benjamin Franklin flew a kite that collects an electricity charge after being struck by lightning. -Joseph Jacquard was born on July 7, 1752.
1753	Charles Stanhope was born on August 3, 1753.
1765	-Jacob Auch was born on February 22, 1765. -Joseph Niépce was born on March 7, 1765.
1768	Jean Fourier was born on March 21, 1768.
1770	The Turk machine was constructed in 1770.
1774	The first telegraph is built.
1777	-Thomas Fowler, inventor of the thermosiphon, was born in 1777. -Johann Gauss was born on April 30, 1777.
1779	Joseph Clement was born on June 13, 1779.
1783	William Sturgeon was born on May 22, 1783.
1785	-Charles Thomas was born on May 5, 1785. -Georg Scheutz was born on September 23, 1785.
1787	Semen Korsakov was born on January 14, 1787.
1789	Georg Ohm was born on March 16, 1789.
1790	-Benjamin Franklin passed away on April 17, 1790 (Age: 83). -Philipp Hahn passed away on May 2, 1790 (Age: 51). -Samuel Hopkins received the first United States patent on July 31, 1790.
1791	-Samuel Morse was born on April 27, 1791. -Michael Faraday was born on September 22, 1791. -Charles Babbage was born on December 26, 1791.
1792	-Claude Chappe invents a semaphore line, a method of communicating over long distances. -Richard Arkwright passed away on August 3, 1792
1797	Joseph Henry was born on May 17, 1797.

Date	Events: 1800's
1801	Frances Joseph-Marie Jacquard first demonstrates the Jacquard Loom.
1804	Frances Joseph-Marie Jacquard completes his fully automated loom in 1804 that's programmed by punched cards.
1809	An early but crude telegraph type device is invented in 1809 by Samuel Soemmering.
1810	Hayyim Slonimski was born in 1810.
1811	-Alexander Bain was born in 1811. -Johann Bischoff passed away on April 14, 1811 (Age: 75).
1814	Izrael Staffel was born in 1814.
1815	-Giovanni Caselli was born on April 25, 1815. -George Boole was born on November 2, 1815. -Ada Lovelace was born on December 15, 1815.
1816	-Werner Siemens was born on December 13, 1816. -Charles Stanhope passed away on December 15, 1816 (Age: 63).



1817	Édouard-Léon Martinville was born on April 25, 1817.
1818	Samuel Hopkins passed away in 1818.
1819	Christopher Sholes was born on February 14, 1819.
1820	Charles Xavier Thomas de Colmar creates the "Arithometer," the first reliable, useful, and commercially successful calculating machine. The calculator could not only add but also subtract, multiply, and divide.
1821	Pafnuty Chebyshev was born on May 16, 1821.
1822	In early 1822, Charles Babbage begins developing the Difference Engine that included the first mechanical printer.
1823	Baron Jons Jakob Berzelius discovered silicon (Si), which today is the basic component of an IC (integrated circuit).
1825	-William Sturgeon invented the modern compass, using the concept of electromagnetism. -The earliest known surviving photograph is taken by Joseph Nicéphore Niépce in 1825 of a view of a courtyard from his window.
1827	-Alessandro Volta passed away on March 5, 1827 (Age: 82). -Georg Simon Ohm introduces Ohm's law in the book <i>Die Galvanische Kette, Mathematisch Bearbeitet</i> .
1828	Harrison Dyar becomes the first person in the United States to invent a Telegraph type device.
1830	-Samuel Soule was born on January 25, 1830. -Eadweard Muybridge was born on April 9, 1830. -Jean Fourier passed away on May 16, 1830 (Age: 62).
1831	Joseph Henry of Princeton invented the first working telegraph.
1832	-Semen Korsakov uses punch cards for the first time in 1832 to store and search for information. -On October 21, 1832, Pavel Schilling became the first to transmit signals between two telegraphs in different rooms of his apartment.
1833	Joseph Niépce passed away on July 5, 1833 (Age: 68).
1834	Joseph Jacquard passed away on August 7, 1834 (Age: 82).
1835	-Elisha Gray was born on August 2, 1835. -William Jevons was born on September 1, 1835.
1836	-Michael Faraday invented the Faraday cage in 1836. -Samuel Morse and Alfred Vail begin developing a code (later called Morse code) that used different numbers to represent the letters of the English alphabet and the ten digits.
1837	Charles Babbage first purposed the Analytical Engine, which was the first computer to use punch cards as memory and a way to program the computer.
1838	Fredrik Idestam was born on October 28, 1838.
1839	The very first use of a drone was in 1839.
1841	Edmund Barbour was born in 1841.
1842	Jacob Auch passed away on March 20, 1842 (Age: 77).
1843	Thomas Fowler passed away on March 31, 1843 (Age: 66).
1844	-Joseph Clement passed away on February 28, 1844 (Age: 65). -Samuel Morse dispatched the first telegraphic message over a line from Washington, D.C. to Baltimore on May 24, 1844. The now famous message was: "What hath God wrought."
1845	-In 1845, Izrael Staffel demonstrated the Staffel's calculator at the industrial exhibition in Warsaw. -Wilhelm Rontgen was born on March 27, 1845. -Willgodt Odhner was born on August 10, 1845. -Jean-Maurice-Emile Baudot was born on September 11, 1845.



1846	Royal Earl House patented a printing telegraph that used 28 piano-style keys to represent each letter of the alphabet and make it easier for everyone to send messages.
1847	-Thomas Edison was born on February 11, 1847. -Alexander Graham Bell was born on March 3, 1847. -Siemens was founded on October 12, 1847.
1849	-John Ambrose Fleming was born on November 29, 1849. -George Grant was born on December 21, 1849.
1850	-Charles Flint was born on January 24, 1850. -Karl Braun was born on June 6, 1850. -William Sturgeon passed away on December 4, 1850 (Age: 67). -The term "matrix" was coined by English mathematician James Joseph Sylvester.
1851	-Western Union was founded in 1851. -Emile Berliner was born on May 20, 1851.
1852	Ada Lovelace passed away on November 27, 1852 (Age: 36).
1853	Semen Korsakov passed away on December 1, 1853 (Age: 65).
1854	-Augustus DeMorgan and George Boole formalize a set of logical operations now known as DeMorgan transformations. -George Fairchild was born on May 6, 1854. -Georg Ohm passed away on July 6, 1854 (Age: 65). -George Eastman was born on July 12, 1854.
1855	-The Crane Company was founded in 1855. -Johann Gauss passed away on February 23, 1855 (Age: 77).
1856	Nikola Tesla was born on July 10, 1856.
1857	-Heinrich Hertz was born on February 22, 1857. -The phonograph (phonograph) was patented on March 25, 1857, by Frenchman Édouard-Léon Scott de Martinville. The device was capable of transcribing sound to a medium.
1858	-Otto Steiger was born in 1858. -The OpenVMS epoch time began on November 17, 1858. -Jagadish Bose was born on November 30, 1858.
1859	The elevator was patented on August 9, 1859.
1860	Herman Hollerith was born on February 29, 1860.
1861	-The first known permanent color photograph is taken of a Tartan Ribbon by the photographer Thomas Sutton. To achieve a color image he took a photo of the ribbon three times, each time with a different color, a method developed by James Clerk Maxwell. -The first transcontinental telegraph line began operation on October 24, 1861.
1862	-David Hilbert was born on January 23, 1862. -Vilhelm Bjerknes was born on March 14, 1862. -Dorr Felt was born on March 18, 1862. -Philibert D'Ocagne was born on March 26, 1862.
1864	George Boole passed away on December 8, 1864 (Age: 49).
1865	-The committee now known as the ITU was founded on May 17, 1865. -Nokia was originally founded by Fredrik Idestam as a wood pulp company in 1865.
1866	The first successful Trans-Atlantic cable is laid from Ireland to Newfoundland.
1867	Michael Faraday passed away on August 25, 1867 (Age: 75).
1868	-Christopher Sholes was issued a patent on July 14, 1868, for a typewriter utilizing the QWERTY layout keyboard still used today. -Paul Otlet was born on August 23, 1868.
1869	-Cathode rays are first discovered by Johann Hittorf.



	<p>-The company Gray and Barton is formed by Elisha Gray and Enos N. Barton in 1869 and three years later is renamed to the Western Electric Manufacturing Company.</p>
1870	<p>-Mitsubishi was founded in 1870. -Mathematical philosopher Benjamin Peirce coins the term idempotence in his self-published 1870 book, <i>Linear Associative Algebra</i>. -Charles Thomas passed away on March 12, 1870 (Age: 84).</p>
1871	<p>-Hubert Booth was born on July 4, 1871. -Charles Babbage passed away on October 18, 1871 (Age: 79).</p>
1872	<p>Samuel Morse passed away on April 2, 1872 (Age: 80).</p>
1873	<p>-Georg Scheutz passed away on May 22, 1873 (Age: 88). -Lee Forest was born on August 26, 1873. -William Coolidge was born on October 23, 1873.</p>
1874	<p>-Thomas Watson was born on February 17, 1874. -Emile Baudot invented the Baudot code in 1874. -Guglielmo Marconi was born on April 25, 1874.</p>
1875	<p>-Tanaka Seizo-sho was established in Japan and later merged with another company called shibaura Seisaku-sho to form Tokyo Shibaura Denki in 1875. Later this company's name was shortened to the company that we know today, Toshiba. -Samuel Soule passed away on July 12, 1875 (Age: 45). -William Eccles was born on August 23, 1875. -The company American Telephone and Telegraph Company that became AT&T was founded in 1875.</p>
1876	<p>-Édouard Belin, inventor of a photographic transmission device that was a precursor of the television, was born on March 5, 1876. -Scottish-Canadian-American Alexander Graham Bell is often credited as inventing the telephone makes the first call on March 10, 1876. -Ericsson was founded in 1876.</p>
1877	<p>-Alexander Bain passed away on January 2, 1877 (Age: 65). -The world's first long-distance telephone line was connected between French Corral California with French Lake, 58 miles away. -The microphone is invented in the United States by Emile Berliner. -Thomas Edison announced on November 21, 1877, the first phonograph capable of recording and replaying sounds.</p>
1878	<p>-Eadweard Muybridge's "The Horse in Motion" becomes the first motion picture. -The first keyboard to have a Shift key was introduced in 1878. The keyboard was found on the Remington No. 2 typewriter and had one Shift key on the left side of the keyboard. -Joseph Henry passed away on May 13, 1878 (Age: 80). -Arthur Scherbius was born on October 20, 1878.</p>
1879	<p>-Albert Einstein was born on March 14, 1879. -Édouard-Léon Martinville passed away on April 26, 1879 (Age: 62). -Thomas Edison demos incandescent electric light bulb that lasts 13 1/2 hours on October 21, 1879. -James Jacob Ritty patented the world's first cash register on November 4, 1879. -President Rutherford B. Hayes becomes the first president with a phone in the White House and gets the phone number "1."</p>
1880	<p>-Thomas Edison received patent #223,898 for the electric lamp on January 27, 1880. -ASME was founded in 1880. -Albert Hull was born on April 19, 1880. -James Bryce was born on September 5, 1880.</p>
1881	<p>Emanuel Goldberg was born on August 31, 1881.</p>



1882	<ul style="list-style-type: none">-William Jevons passed away on August 13, 1882 (Age: 46).-Thomas Edison was awarded patent # 252,442 on January 17, 1882, for the carbon microphone used in telephones.-The first commercial electric power station became operational on September 4, 1882.-Fredrik Bull was born on December 25, 1882.
1883	<ul style="list-style-type: none">-Edith Clarke was born on February 10, 1883.-American Thomas Edison discovered the Edison effect, where an electric current flows through a vacuum.-Percy Ludgate was born on August 2, 1883.
1884	<ul style="list-style-type: none">-Izrael Staffel passed away in 1884.-Herman Hollerith filed his first patent for The Hollerith Electric Tabulating System.
1885	<ul style="list-style-type: none">-American Telegraph and Telephone company (AT&T) was incorporated on March 3, 1885.-Julius E. Pitrap of Gallipolis, patented his first computing scale.
1886	<ul style="list-style-type: none">-Heinrich Rudolf Hertz proves electromagnetic waves and that electricity is transmitted at the speed of light.-James Rand was born on November 18, 1886.-Dr. Herman Hollerith conducts the first practical test of his tabulating system in recording and tabulating vital statistics for the Baltimore (Maryland) Department of Health.
1887	<ul style="list-style-type: none">Yamaha was founded on October 12, 1887.
1888	<ul style="list-style-type: none">-Clair Lake was born in 1888.-National Geographic Society was established on January 27, 1888.-Nikola Tesla patented the rotating field motor on May 1, 1888, and later sold the rights to George Westinghouse. This invention helps create and transmit AC power and today is still a method for generating and distributing AC power.-William S. Burroughs patented a printing adding machine.-John Baird was born on August 14, 1888.-Thomas Edison filed for a patent for the Optical Phonograph (film camera) on October 17, 1888.-Eastman Kodak was issued U.S. patent number 388,850 for his roll-film box camera on September 4, 1888, and the company was founded in the same year.-John Loud got patent for the ballpoint pen on October 30, 1888.-Dr. Alexander Dey invented the first dial recorder in 1888. Dey's business was one of the building blocks of C-T-R (that became IBM).-Friedrich Reintzer discovered liquid crystal.
1889	<ul style="list-style-type: none">-Harlow Bundy incorporates the Bundy Manufacturing Company as the first time recording company in the world. It produced a time clock to record a worker's arrival and departure time on a paper tape.-Herman Hollerith first describes the tabulating machine in his doctoral thesis. He also received the first patent for his electric tabulating machine in 1889.-Nintendo was founded in 1889 began making hanafuda playing cards in Kyoto, Japan.
1890	<ul style="list-style-type: none">-Henry Philips was born in 1890.-Christopher Sholes passed away on February 17, 1890 (Age: 71).-Vannevar Bush was born on March 11, 1890.-The company we now know as GE was founded in 1890 by Thomas Edison as the Edison General Electric Company.-Herman Hollerith developed a method for machines to record and store information onto punch cards to be used for the US census. The system reduced an almost 10-year long process to two and a half years and saved over \$5 million. He later formed the company we know as IBM today.



1891	<ul style="list-style-type: none">-Phillips was founded in 1891.-Giovanni Caselli passed away on June 8, 1891.-Edward Canby and Orange Ozias purchased Julius Pitrap's patent and incorporated The Computing Scale Company as the world's first computing scale company.
1892	<ul style="list-style-type: none">-The American company General Electric was founded on April 15, 1892.-Werner Siemens passed away on December 6, 1892 (Age: 75).
1893	<ul style="list-style-type: none">-The first Underwood typewriter was invented by Franz Xaver Wagner and was filed for U.S. patent 523,698 April 27, 1893.-On May 1, 1893, Nikola Tesla helps power the world's first fair powered by AC electricity in Chicago.-Leslie Comrie was born on August 15, 1893.-Dey Patents Company, which manufactures the very first dial time recorder, is formed. It later is renamed Dey Time Register Company.
1894	<ul style="list-style-type: none">-Heinrich Hertz passed away on January 1, 1894 (Age: 36).-August Dvorak was born on May 5, 1894.-Norbert Weiner was born on November 26, 1894.-Pafnuty Chebyshev passed away on December 8, 1894 (Age: 73).-J. L. Willard and F. A. Frick of Rochester, New York, form the Willard and Frick Manufacturing Company, the first card time recorder company.
1895	<ul style="list-style-type: none">-Guglielmo Marconi became the first person to receive a radio signal in 1895.-Nortel Networks was founded in 1895.-Paul Galvin was born on June 27, 1895.-The Underwood Typewriter Company was founded in 1895.-Wilhelm Röntgen discovered X-rays on November 8, 1895.-The Computing Scale Company introduces the first automatic computing scale.
1896	<ul style="list-style-type: none">-The Niagara Falls begins generating power from Nikola Tesla AC power generators starting the electric age in America.-Herman Hollerith starts the Tabulating Machine Company. The company later becomes one of the companies that helped form IBM (International Business Machines).
1897	<ul style="list-style-type: none">-Gertrude Blanch is born.-Maxwell Newman was born on February 7, 1897.-Emil Post was born on February 11, 1897.-German scientist Karl Ferdinand Braun invented the Cathode-Ray Oscilloscope.-Thomas Edison patented the Kinetoscope, a motion picture viewer on August 31, 1897.
1898	<ul style="list-style-type: none">-Alcatel was founded in 1898.-Russell Ohl was born in January 1898.-Nikola Tesla invented the remote control on November 8, 1898.
1899	<ul style="list-style-type: none">-Gustav Tauschek was born on April 29, 1899.-Nippon Electric Company was renamed to NEC Corporation on July 17, 1899.-AT&T acquired assets of American Bell and became the parent company of Bell System in 1899.-The Retail Credit Company was founded in 1899 by Guy Woolford, the company would later become Equifax.-The first key punch is developed, as is the job time recorder.-Sprint was founded in 1899.-Sedlbauer was founded in 1899.-On September 13, 1899, Henry Bliss became the first North American pedestrian to be killed by an automobile.-The Bundy Manufacturing Company acquired the Standard Time Stamp Company, a manufacturer of timestamps and a card recorder.-William D. Middlebrook patented the paper clip on November 9, 1899.



Date	Events: 1900 - 1940
1900	<ul style="list-style-type: none"> -Nikola Tesla develops frequency hopping, now known as spread spectrum. -The remains of the Antikythera mechanism were recovered from the shipwreck of a Greek vessel that sunk sometime between 75 and 50 BC. The wreck was discovered accidentally by divers in 1900 off the coast of Antikythera. -George W. Fairchild forms the International Time Recording Company in 1900. -Howard H. Aiken was born on March 8, 1900. -Haskell Curry was born on September 12, 1900.
1901	<ul style="list-style-type: none"> -The first radio message was sent across the Atlantic Ocean in Morse code. -Hubert Cecil Booth received a patent for the first powered vacuum cleaner on August 30, 1901. -The Computing Scale Company of America is incorporated. It includes Computing Scale Company, Dayton Moneyweight Scale Company and Detroit Automatic Scale Company. -The International Time Recording Company acquired the Chicago Time-Register Co., the first autograph time recorder company, and manufacturer of key, card, and autograph employee time recorders. -Allen DuMont was born on January 29, 1901. -Enrico Fermi was born on September 29, 1901. -Rudolf Hell was born on December 19, 1901. -Arthur Samuel was born in 1901. -Elisha Gray passed away on January 21, 1901 (Age: 66).
1902	<ul style="list-style-type: none"> -In October 1902, Guglielmo Marconi was able to telegraph the letter "S" across the English Channel which became the first successful transatlantic radiotelegraph message. -The first issue of Popular Mechanics was published on January 11, 1902. -In 1902, archaeologist Valerios Stais identified the bronze artifacts as containing gears that appeared to be part of the Antikythera mechanism. -3M was founded in 1902. -The French silent film "A Trip to the Moon" was first released on September 1, 1902, and was considered to be the first science fiction film. -Walter Brattain was born on February 10, 1902. -Louis Couffignal was born on March 16, 1902. -Wallace Eckert was born on June 19, 1902. -Mina Rees was born on August 2, 1902. -Laszlo Kozma was born on November 28, 1902.
1903	<ul style="list-style-type: none"> -Nikola Tesla patents electrical logic circuits called "gates" or "switches." -Wilbur and Orville Wright both took the first flight on December 17, 1903. -John Vincent Atanasoff was born on October 4, 1903. -John von Neumann was born on December 28, 1903. -Alonzo Church was born on June 14, 1903. -Jean-Maurice-Emile Baudot passed away on March 28, 1903 (Age: 58).
1904	<ul style="list-style-type: none"> -John Ambrose Fleming experimented with Edison's diode vacuum tubes and created the first commercial diode vacuum tube. -The Apple macOS epoch time is set to start on January 1, 1904. -Samuel Caldwell was born on January 15, 1904. -George Stibitz was born on April 20, 1904. -Lear Romec was founded in 1904. -Eadweard Muybridge passed away on May 8, 1904 (Age: 74). -Hayyim Slonimski passed away on May 15, 1904 (Age: 94).
1905	<ul style="list-style-type: none"> -The Tabulating Machine Company, which owns and controls the Hollerith Tabulating patents and system, is incorporated in New Jersey. -Derrick Lehmer was born on February 23, 1905.



	<ul style="list-style-type: none">-Laszlo Kalmar was born on March 27, 1905.-Thomas Flowers was born on December 22, 1905.-Willgodt Odhner passed away on September 15, 1905 (Age: 60).
1906	<ul style="list-style-type: none">-Reginald Fessenden made the first AM radio broadcast in 1906.-The first automatic feed tabulator, operating at 150 cards per minute, is developed.-The IEC was founded in London England in 1906.Honeywell was founded in 1906 by Mark Honeywell.-Xerox was founded in 1906.-Arnold I. Dumey was born in 1906.-Chester Carlson was born on February 8, 1906.-Kurt Godel was born on April 28, 1906.-Reynold Johnson was born on July 16, 1906.-Philo Farnsworth was born on August 19, 1906.-Grace Hopper was born on December 9, 1906.
1907	<ul style="list-style-type: none">-IBM filed for its first US patent, #998,631 on October 11, 1907.-Lee De Frost filed patent #879,532 on January 29, 1907, for the vacuum tube triode. The patent was later used as an electronic switch in the first electronic computer.-Charles Krum filed for U.S. patent 862,402 in August 1907 that helped create the teleprinter.-International Time Recording Company acquired Dey Time Register Company in 1907.-Gordon Brown was born on August 30, 1907.-John Mauchly was born on August 30, 1907.-Paul Eisler was born in 1907.
1908	<ul style="list-style-type: none">-Charles Krum filed for U.S. patent 888,335 in May 1908 that helped create the teleprinter.-The film "A Visit To The Seaside" became the first film commercially produced in natural color in December 1908.-Olivetti was founded on October 29, 1908.-International Time Recording Company acquired Syracuse Time Recording Company.-John Bardeen was born on May 23, 1908.
1909	<ul style="list-style-type: none">-Bryant Computer Products was founded in 1909 by William Leroy Bryant.-Stephen Kleene was born on January 5, 1909.-Edmund Berkeley was born on February 22, 1909.-Geoffrey Dummer was born on February 25, 1909.-Harry Goode was born on June 30, 1909.-Antoni Kilinski was born on October 20, 1909.-Ralph Palmer was born in 1909.
1910	<ul style="list-style-type: none">-Henry Babbage, Charles Babbage's youngest son, completed a portion of the ---- Analytical Engine and was able to perform basic calculations.-The first pair of audio headphones were invented by Nathaniel Baldwin in 1910.-Charles Krum filed U.S. patent 1,286,351 in May 1910 that helped create the teleprinter.-Hitachi was founded in 1910.-William Shockley was born on February 13, 1910.-Konrad Zuse was born on June 22, 1910.-William Higinbotham was born on October 25, 1910.
1911	<ul style="list-style-type: none">-Charles R. Flint arranges the merger of the International Time Recording Company, Computing Scale Company, and the Tabulating Machine Company to form C-T-R (Computing-Tabulating-Recording Company) on June 16, 1911. C-T-R would later be renamed IBM (International Business Machines Corporation) in 1924.



	<ul style="list-style-type: none">-Major H.A. "Jimmie" Erickson took the first photos from a plane on January 10, 1911.-IBM was granted its first patent #998,631 on July 25, 1911.-Cuthbert Hurd was born on April 5, 1911.-Frederic Williams was born on June 26, 1911.-Louis Ridenour was born on June 27, 1911.-William Norris was born on July 14, 1911.-Jan Rajchman was born on August 10, 1911.-Allen Coombs was born on October 23, 1911.-Alexey Andreevich Lyapunov was born in 1911.
1912	<ul style="list-style-type: none">-G. N. Lewis began work on the lithium battery in 1912.-Helmut Hoelzer was born on February 27, 1912.-Steven Coons was born on March 7, 1912.-Alan Turing was born on June 23, 1912.-Helmut Schreyer was born on July 4, 1912.-David Packard was born on September 7, 1912.-Oliver Standingford was born on October 9, 1912.
1913	<ul style="list-style-type: none">-Stephen Dunwell was born on April 3, 1913.-William Hewlett was born on May 20, 1913.-Maurice Wilkes was born on June 26, 1913.-Herman Goldstine was born on September 13, 1913.-Robert Adler was born on December 4, 1913.-Julian Bigelow was born in 1913.
1914	<ul style="list-style-type: none">-Bernard Kardon was born on January 8, 1914.-Thomas Watson, Jr. was born on January 14, 1914.-I. Bernard Cohen was born on March 1, 1914.-Paul Rand was born on August 15, 1914.-Cyril Cleverdon was born on September 9, 1914.-George Dantzig was born on November 8, 1914.
1915	<ul style="list-style-type: none">-The first telephone call was made across the United States continent.-The original rotoscope was a reverse-projection device invented by Max Fleischer in 1915.-The famous IBM "THINK" signs, based on the slogan coined by Thomas J. Watson, Sr. are used in the company for the first time.-Joseph Licklider was born on March 11, 1915.-Richard Hamming was born on February 11, 1915.-Borje Langefors was born on May 21, 1915.-Nicholas Metropolis was born on June 11, 1915.-John Tukey was born on June 16, 1915.-Arthur Walter Burks was born on October 13, 1915.
1916	<ul style="list-style-type: none">-The Curtiss Wright company was founded in 1916.-Harry Huskey was born on January 19, 1916.-Claude Shannon was born on April 30, 1916.-Herbert Simon was born on June 15, 1916.-Morgan Sparks was born on July 6, 1916.-Petro Vlahos was born on August 20, 1916.-Christopher Strachey was born on November 16, 1916.-Fredrik Idestam passed away on April 8, 1916 (Age: 78).
1917	<ul style="list-style-type: none">-On September 9, 1917, one of the earliest records of OMG (Oh My God) was used by British Admiral John Arbuthnot Fisher when writing to Winston Churchill in a 1917 correspondence.-The Computing-Tabulating-Recording Company enters the Canadian market under the name of International Business Machines Co., Limited.



	<ul style="list-style-type: none">-Nippon Kōgaku Kōgyō Kabushikigaisha was founded in 1917, it would later change its name to Nikon.-Winifred Asprey was born on April 8, 1917.-Hugh Ross was born on August 31, 1917.-Robert Fano was born on November 11, 1917.-Arthur C. Clark was born on December 16, 1917.-Ralph Meagher was born in 1917.-Ralph Slutz was born in 1917.-George Grant passed away on August 16, 1917 (Age: 68).
1918	<ul style="list-style-type: none">-ANSI, otherwise known as the American National Standards Institute, was formed.-Arthur Scherbius filed for a patent of the Enigma machine on February 23, 1918.-William Eccles and F.W. Jordan built the world's first flip-flop.-Panasonic was founded on March 18, 1918.-Tatung was founded in 1918.-Alexander L'vovich Brudno was born on January 10, 1918.-Andrew Booth was born on February 11, 1918.-Clifford Berry was born on April 19, 1918.-Bashir Rameyev was born on May 1, 1918.-Richard Feynman was born on May 11, 1918.-Kurt Lehovec was born on June 12, 1918.-Jay Forrester was born on July 14, 1918.-Sidney Harman was born on August 4, 1918.-Herbert Grosch was born on September 13, 1918.-Hermann Zapf was born on November 8, 1918.-Klaus Samelson was born on December 21, 1918.-John Pasta was born in 1918.-Richard Canning was born in 1918.-Wen Chow was born in 1918.-Karl Braun passed away on April 20, 1918 (Age: 67).
1919	<ul style="list-style-type: none">-An electric synchronized time clock system is introduced.-Olympus was established on October 12, 1919, by Takeshi Yamashita.-Nathan Rochester was born on January 14, 1919.-Russel Ackoff was born on February 12, 1919.-Trevor Pearcey was born on March 5, 1919.-Andrew F. Kay was born on March 22, 1919.-John Adam Presper "Pres" Eckert, Jr. was born on April 9, 1919.-Harlan Mills was born on May 14, 1919.-Jeffrey Chu was born on July 14, 1919.-John Pinkerton was born on August 2, 1919.-James Wilkinson was born on September 27, 1919.-Stanley Frankel was born in 1919.
1920	<ul style="list-style-type: none">-First radio broadcasting began in United States, Pittsburgh, PA.-A printing tabulator is introduced by C-T-R.-Lock Autograph Recorder is developed and released.-Heinz Zemanek was born on January 1, 1920.-Isaac Asimov was born on January 2, 1920.-An Wang was born on February 7, 1920.-Bob Bemer was born on February 8, 1920.-James Pomerene was born on June 22, 1920.-Kenneth Iverson was born on December 17, 1920.-Niels Bech was born in 1920.
1921	<ul style="list-style-type: none">-The first Radio Shack store opened in 1921.-Czech playwright Karel Capek coins the term "robot" in the 1921 play RUR (Rossum's Universal Robots).



	<ul style="list-style-type: none">-Computing Scale Company of America (subsidiary of C-T-R) is renamed Dayton Scale Company.-Lotfali Zadeh was born on February 4, 1921.-Kathleen Antonelli was born on February 12, 1921.-Alexander (Sandy) Shafto Douglas was born on May 21, 1921.-Robert Everett was born on June 26, 1921.-Forrest Parry was born on July 4, 1921.-John Bennet was born on July 31, 1921.-Tom Kilburn was born on August 11, 1921.-Gerald Estrin was born on September 9, 1921.-Robert Prim was born in 1921.
1922	<ul style="list-style-type: none">-John B. Johnson and Harry Weiner Weinhart created the first CRT (cathode ray tube) to use a hot cathode, turning it into a commercial product in 1922.-MPAA (Motion Picture Association of America) was established in 1922.-Tripp Lite was founded in 1922 by Graham Trippe.-Georgy Adelson-Velsky was born on January 8, 1922.-Saul Rosen was born on February 8, 1922.-Ralph Baer was born on March 8, 1922.-Alan Perlis was born on April 1, 1922.-Keith Uncapher was born on April 1, 1922.-Wayne Green was born on September 3, 1922.-Werner Buchholz was born on October 24, 1922.-Gene Amdahl was born on November 16, 1922.-Stanford Ovshinsky was born on November 24, 1922.-Charles Hamblin was born in 1922.-Alexander Graham Bell passed away on August 2, 1922 (Age: 75).-Percy Ludgate passed away on October 16, 1922 (Age: 38).
1923	<ul style="list-style-type: none">-The first electric key punch was introduced by C-T-R in 1923.-Hama Photo was founded in 1923 by Martin Hanke.-Joseph Weizenbaum was born on January 8, 1923.-Herman Lukoff was born on May 2, 1923.-Eugene Kleiner was born on May 12, 1923.-Edgar Codd was born on August 23, 1923.-Jack St. Clair Kilby, Nobel Prize winner and inventor of the integrated circuit, handheld calculator, and the thermal printer was born on November 8, 1923.-Donald Michie was born on November 11, 1923.-Peter Elias was born on November 23, 1923.-Corrado Böhm was born in 1923.-Otto Steiger passed away in 1923.-Wilhelm Rontgen passed away on February 10, 1923.
1924	<ul style="list-style-type: none">-The Computing-Tabulating-Recording Company (C-T-R) was renamed to IBM on February 14, 1924.-CATV and cable broadcasting began being used in some European cities.-IBM introduces a self-regulating time system.-Fred M. Carroll develops the Carroll Rotary Card Press to produce punch card blanks at high speed. At a rate of 1,000 cards every 60 seconds, the press produced a dollar of revenue for IBM every minute it was in operation.-David Evans was born on February 24, 1924.-Donald Shell was born on March 1, 1924.-Enid Mumford was born on March 6, 1924.-George Pake was born on April 1, 1924.-Evelyn Granville was born on May 1, 1924.-Donald Davies was born on June 7, 1924.-Friedrich Bauer was born on June 10, 1924.-Gerrot Blaauw was born on July 17, 1924.



	<ul style="list-style-type: none">-Max Palevsky was born on July 24, 1924.-Leo Fantl was born on August 8, 1924.-Georgii Lopato was born on August 23, 1924.-Jean Hoerni was born on September 26, 1924.-Paul DeMaine was born on October 11, 1924.-John Backus was born on December 3, 1924.-Charles Bachman was born on December 11, 1924.-Jean Bartik was born on December 27, 1924.-George Fairchild passed away on December 31, 1924 (Age: 71).
1925	<ul style="list-style-type: none">-The horizontal sorting machine is introduced with a speed of 360 cards per minute.-The first standard duplicator is manufactured.-The Western Electric Research Laboratories and the Engineering Department of AT&T consolidated and formed Bell Labs Telephone Laboratories as a subsidiary of AT&T.-John Opel was born on January 5, 1925.-Douglas Engelbart was born on January 30, 1925.-Nikolay Brusentsov was born on February 7, 1925.-Robert Barton was born on February 13, 1925.-Heinz Nixdorf was born on April 9, 1925.-Mark Pinsker was born on April 24, 1925.-John Cocke was born on May 30, 1925.-David Huffman was born on August 9, 1925.-Seymour Cray was born on September 28, 1925.-Fredrik Bull passed away on June 7, 1925 (Age: 43).-Edmund Barbour passed away in 1925 (Age: 84).
1926	<ul style="list-style-type: none">-The first patent for the semiconductor transistor was created.-The first joystick was invented by C.B. Mirick at the U.S. Naval Research Laboratory.-Packard Bell was founded in 1926.-Ken Olsen was born on February 20, 1926.-Stanley Gill was born on March 26, 1926.-Paul Baran was born on April 29, 1926.-Oliver Selfridge was born on May 10, 1926.-John Kemeny was born on May 31, 1926.-John Diebold was born on June 8, 1926.-Fernando Corbató was born on July 1, 1926.-Carl Petri was born on July 12, 1926.-Arthur Rock was born on August 19, 1926.-Kristen Nygaard was born on August 27, 1926.-Andrew Bobeck was born on October 1, 1926.-Willem Poel was born on December 2, 1926.
1927	<ul style="list-style-type: none">-Philo Taylor Farnsworth became the first person to successfully transmit a TV signal on September 7, 1927.-Bell Labs performed the first long-distance television transmission from Washington, D.C., to New York City.-The first automatic gang punch is developed.-David Wheeler was born on February 9, 1927.-Gerard Salton was born on March 8, 1927.-Allen Newell was born on March 19, 1927.-Dudley Buck was born on April 25, 1927.-Glen Culler was born on July 7, 1927.-Theodore Maiman was born on July 11, 1927.-Marvin Minsky was born on August 9, 1927.-Bob Evans was born on August 19, 1927.



	<ul style="list-style-type: none">-John McCarthy was born on September 4, 1927.-Robert Noyce was born on December 12, 1927.-Wesley Clark was born in 1927.
1928	<ul style="list-style-type: none">-IBM redesigns the punch card to hold 80 columns, almost double the previous capacity. The patented new design, featuring rectangular holes and called the "IBM card," becomes so popular that the name essentially becomes synonymous with punched cards.-Western Union completed the transatlantic telegraph cable in 1928, which was a simplex communication method.-The IBM Type 4 Tabulator is introduced, the first direct subtraction machine. Before the Type 4 Tabulator, bookkeepers had to add negative amounts as complementary figures. IBM's subtracting machine saved calculations and bookkeeping time.-The first public address and program signaling systems for schools (aka "Schoolmaster") are developed.-The Galvin Manufacturing Corporation was established on September 25, 1928. The company would later be known as Motorola.-Thomas Kurtz was born on February 22, 1928.-Seymour Papert was born on February 29, 1928.-John Nash was born on June 13, 1928.-Juris Hartmanis was born on July 5, 1928.-Bernard Galler was born on October 3, 1928.-Peter Naur was born on October 25, 1928.-Noam Chomsky was born on December 7, 1928.-Joe Ossanna was born on December 10, 1928.-Jack Tramiel was born on December 13, 1928.-Martin Cooper was born on December 26, 1928.-Jean Sammet was born in 1928.
1929	<ul style="list-style-type: none">-The motor drive key punch is released.-The first card counting printing sorter is shipped by IBM.-Robert Lansdown was born on January 2, 1929.-Gordon Moore was born on January 3, 1929.-Edwin Turney was born on March 26, 1929.-Harlan Anderson was born on October 15, 1929.-Douglas Ross was born on December 21, 1929.-Harold Cohen was born in 1929.-Arthur Scherbius passed away on May 13, 1929 (Age: 51).-Emile Berliner passed away on August 3, 1929 (Age: 78).-Herman Hollerith passed away on November 17, 1929 (Age: 69).
1930	<ul style="list-style-type: none">-The portable Watchman's Clock is introduced.-The Chain Store Billing Machine is developed.-Citizen was founded in 1930.-The Automatic Accounting Scale Company, makers of automatic counting scales, is acquired. The International Scale Company is organized as a subsidiary of IBM, and takes over the now complete line of industrial scales.-Galvin Manufacturing Corporation Auto radios began being sold as an accessory for the automobile. Paul Galvin coined the name Motorola for the company's new products, linking the ideas of motion and radio.-Charles Flint, who founded C-T-R, the company that became IBM, retired from the IBM board in 1930.-Einar Stefferud was born on January 11, 1930.-Martin Goetz was born on April 22, 1930.-Edsger Dijkstra was born on May 11, 1930.-Peter Landin was born on June 5, 1930.-Henry Perot was born on June 27, 1930.



	<ul style="list-style-type: none"> -Daniel McCracken was born on July 23, 1930. -Alan F. Shugart was born on September 27, 1930. -Dorr Felt passed away on August 7, 1930 (Age: 68).
1931	<ul style="list-style-type: none"> -Allen DuMont makes significant improvements to the CRT (cathode ray tube) in 1931 for use in television receivers. -IBM introduced the IBM 400 series alphabetical accounting machines, the first IBM machines to print alphabetic data. -IBM introduced and the IBM 600 series calculating machines, the first IBM machines to perform multiplication and division. -IBM released the Public Utility Billing Machine. -The first motor drive duplicating punch and automatic summary punch are developed. -IBM released the Electroprint Time Stamp. -IBM introduced the first automatic multiplying punch. -IBM released the first automatic reproducing punch. -The first permanent installation of the IBM translator system is set up at League of Nations in Geneva. -Fletcher Jones was born on January 22, 1931. -Eiichi Goto was born on January 26, 1931. -Anthony (Tony) Edgar Sale was born on January 30, 1931. -Elizabeth Feinler was born on March 2, 1931. -Andrei Ershov was born on April 19, 1931. -Frederick Brooks was born on April 19, 1931. -Nobuo Mii was born on July 4, 1931. -Morris Chang was born on July 10, 1931. -Michael Rabin was born on September 1, 1931. -Ole-Johan Dahl was born on October 12, 1931. -Jacob Ziv was born on November 27, 1931. -James Russell was born in 1931. -Louis Pouzin was born in 1931. -Valentin Turchin was born in 1931. -Thomas Edison passed away on October 18, 1931 (Age: 84).
1932	<ul style="list-style-type: none"> -ROM-type storage media was introduced in 1932. -Gustav Tauschek developed drum memory in 1932. -The Card Counting Sorter and the Alphabetical Duplicating Punch are released. -IBM acquired the National Counting Scale Company. -Gene Golub was born on February 29, 1932. -Norman Abramson was born on April 1, 1932. -Solomon Golomb was born on May 30, 1932. -Jay Glenn Miner was born on May 31, 1932. -Frances Allen was born on August 4, 1932. -Robert H. Dennard was born on September 5, 1932. -Dana Scott was born on October 11, 1932. -Jorma Rissanen was born on October 20, 1932. -Malcom Mcilroy was born in 1932. -Robert Taylor was born in 1932. -William Millard was born in 1932. -George Eastman passed away on March 14, 1932 (Age: 77).
1933	<ul style="list-style-type: none"> -Edwin Armstrong invented the FM radio in 1933. -IBM introduced the IBM Type 285 Numeric Printing Tabulator, capable of tabulating 150 cards per minute. -IBM released its first Alphabetical Printing Punch. -The development of the Carroll Carriage improves alphabetical accounting machines by automatic handling of special forms and variable line spacing. -Canon was established in 1933.



	<ul style="list-style-type: none">-IBM acquires Electromatic Typewriters, Inc. The acquisition allowed IBM to enter the typewriter business.-IBM is reorganized. The Tabulating Machine Company, International Time Recording Company, Dayton Scale Company, Ticketograph Company and International Scale Company become IBM divisions.-Stephanie Shirley was born on September 16, 1933.-James Martin was born on October 19, 1933.-Gerald Weinberg was born on October 27, 1933.-Boris Babayan was born on December 20, 1933.
1934	<ul style="list-style-type: none">-The FCC (Federal Communications Commission) was established in 1934.-The US Communication Act went into place in 1934.-In 1934, the first CRT (cathode ray tube) televisions were made available commercially in Germany by Telefunken.-The IBM 405 Alphabetical Accounting Machine is introduced. A functionally versatile product that featured a removable plugboard, the 405 remained an IBM flagship product until after World War II.-The Dayton Scale Division of IBM is sold to the Hobart Manufacturing Company as IBM exits one of its original lines of business.-Donald Bitzer was born on January 1, 1934.-Edward Fredkin was born on January 1, 1934.-Charles Hoare was born on January 11, 1934.-Robin Milner was born on January 13, 1934.-Niklaus Wirth was born on February 15, 1934.-Charles Flint passed away on February 26, 1934.-Ronald Wayne was born on May 7, 1934.-Ralph Griswold was born on May 19, 1934.-Robert Moog was born on May 23, 1934.-Leonard Kleinrock was born on June 13, 1934.-Gordon Bell was born on August 19, 1934.-Max Hopper was born on November 4, 1934.-Carl Sagan was born on November 9, 1934.-Ronald Stamper was born in 1934.-Seymour Rubinstein was born in 1934.
1935	<ul style="list-style-type: none">-Germany's Konrad Zuse designed the Z3, the first functioning programmable digital computer.-The polygraph machine, aka lie detector, was used for the first time on February 2, 1935.-IBM markets the first commercially successful electric typewriter, the Electromatic.-Fujitsu was established on June 20, 1935.-TDK was founded on December 7, 1935.-Richard Karp was born on January 3, 1935.-Roger Needham was born on February 9, 1935.-Charles Molnar was born on March 14, 1935.-Jack Wolf was born on March 14, 1935.-Joshua Lederberg was born on May 23, 1935.-Karen Jones was born on August 26, 1935.-Barry Boehm was born in 1935.-Vladimir Levenshtein was born in 1935.
1936	<ul style="list-style-type: none">-Alan Turing developed the Turing Machine.-August Dvorak received a patent for the Dvorak keyboard on May 12, 1936.-Germany's Konrad Zuse created the Z1, one of the first binary digital computers and a machine that could be controlled through a punch tape.-While working on the radio, Paul Eisler invented the PCB (Printed Circuit Board).



	<ul style="list-style-type: none">-Informally, theoretical computer science was born in 1936 when Alan Turing, Alonzo Church, and Stephen Kleene formally defined algorithms in terms of computation.-Henry F. Phillips received a patent for the Phillips screw and screwdriver on July 7, 1936.-Archaeologists found a clay pot in 1936, and it was determined to be over 2,000 years old. Inside the clay pot were copper plates, an iron rod, and tin alloy, which are components of a battery for electricity.-Edward Feigenbaum was born on January 20, 1936.-Abraham Lempel was born on February 10, 1936.-Robert Floyd was born on June 8, 1936.-Richard Stearns was born on July 5, 1936.-Andrew Grove was born on September 2, 1936.-James Burke was born on December 22, 1936.-Jerry Sanders was born on September 12, 1936.-Leon Chua was born on June 28, 1936.
1937	<ul style="list-style-type: none">-Alec Reeves developed PCM in 1937.-Claude Shannon became the founder of both digital computer and digital circuit design theory in 1937.-IBM introduced the IBM Type 805 International Test Scoring Machine in 1937, giving rise to the familiar "fill-in-the-bubble" test score sheets (optical mark reading). The test-scorer, primarily designed by Reynold Johnson, uses the conductivity of pencil marks to sense correct and incorrect answers.-Polaroid was founded in 1937.-Seiko Instruments was founded in 1937.-Dabbala Reddy was born on June 13, 1937.-Ted Nelson was born on June 17, 1937.-Philip Estridge was born on June 23, 1937.-Patrick McGovern was born on August 11, 1937.-Marcian Hoff was born on October 28, 1937.-Lawrence Roberts was born on December 21, 1937-Charles Peddle was born in 1937.-Harold Lawson was born in 1937.-Igor Aleksander was born in 1937.-John Conway was born in 1937.-Larry Roberts was born in 1937.-Steve Russell was born in 1937.-Guglielmo Marconi passed away on July 20, 1937 (Age: 63).-Jagadish Bose passed away on November 23, 1937 (Age: 78).
1938	<ul style="list-style-type: none">-Chester Carlson produced the first electrophotographic image on October 22, 1938, which became the Xerox machine.-Orson Welles and Houseman broadcasted H.G. Welles' War of the Worlds on the airways as a Halloween spoof on October 30, 1938.-The company now known as Hewlett-Packard created its first product, the HP 200A in 1938.-In 1938, Allen DuMont manufactured and sold the first commercially practical television set to the public.-IBM introduced the IBM 8500 Card Recorder in 1938.-Molex was founded in 1938.-Samsung was founded in 1938.-Vivitar was founded in 1938.-BBC creates the first science fiction television program.-Gary Starkweather was born on January 9, 1938.-Donald Knuth was born on January 10, 1938.-Lynn Conway was born on January 10, 1938.



	<ul style="list-style-type: none">-Ronald Schafer was born on February 17, 1938.-Manuel Blum was born on April 26, 1938.-Ivan Sutherland was born on May 16, 1938.-Thomas Cover was born on August 7, 1938.-Per Hansen was born on November 13, 1938.-Stewart Brand was born on December 14, 1938.-Bob Kahn was born on December 23, 1938.-Charles Moore was born in 1938.-Dana Ulery was born in 1938.-David Lee was born in 1938.-Computer pioneer deaths in 1938-Philibert D'Ocagne passed away in 1938 (Age: 76).
1939	<ul style="list-style-type: none">-Hewlett-Packard was founded by William Hewlett and David Packard in 1939. The name was decided with the flip of a coin toss, and the company was officially founded on January 1, 1939.-In August 1939, at the age of 13, Carl Petri invented "Petri nets," directed graphs for the purpose of describing chemical processes.-Iowa State College's John Vincent Atanasoff and Clifford Berry created a prototype of the binary-based ABC (Atanasoff-Berry Computer) in 1939.-George Stibitz completed the Complex Number Calculator in 1939 capable of adding, subtracting, multiplying, and dividing complex numbers. This device provided a foundation for digital computers.-The companies Tanaka Seisakusho and Hakunetsusha merged in 1939 to become the new company we now know as Toshiba.-The first Radio Shack catalog was published in 1939.-In 1939, the German military commissioned Konrad Zuse to build the Z2, which was largely based on the Z1.-The first successful modern typewriter is considered to be the Underwood typewriter that sold five million of its typewriters by 1939.-Adam Osborne was born on March 6, 1939.-Dov Frohman was born on March 28, 1939.-John Scully was born on April 6, 1939.-Rudolf Bayer was born on May 7, 1939.-Anatoliy O. Morozov was born on May 9, 1939.-Peter Grunberg was born on May 18, 1939.-Cleve Moler was born on August 17, 1939.-Craig Barrett was born on August 29, 1939.-Charles Geschke was born on September 11, 1939.-John Hopcroft was born on October 7, 1939.-Neil Sloane was born on October 10, 1939.-Barbara Liskov was born on November 7, 1939.-Stephen Cook was born on December 14, 1939.-Paul Cress was born in 1939.
1940	<ul style="list-style-type: none">-The first handheld two-way radio called the "Handy Talkie" is created by Motorola for the U.S. Army Signal Control.-Gottfried Ungerboeck was born on March 15, 1940.-Jean Ichbiah was born on March 25, 1940.-Alan Kay was born on May 17, 1940.-Clive Sinclair was born on July 3, 1940.-Tom DeMarco was born on August 20, 1940.-Robert Krakoff was born on October 4, 1940.-John Warnock was born on October 6, 1940.-Gerald Lawson was born on December 1, 1940.



IBM History

Herman Hollerith began the company in 1896 as the Tabulating Machine Company. Later, Charles R. Flint brought together the International Time Recording Company, the Computing Scale Company, and the Tabulating Machine Company to form the C-T-R (Computing-Tabulating-Recording) Company on June 16, 1911.

C-T-R changed its name to "International Business Machines" (IBM) in 1924. IBM is now one of the best-known and most famous computer companies in the world. Sometimes, people call it "Big Blue." An IBMer was the name of a person who worked at IBM.

IBM Timeline of Events

Date	Event
1907	October 11, 1907 - IBM filed for its first U.S. patent, #998,631.
1911	June 16, 1911 - Computing-Tabulating-Recording Company was incorporated. July 25, 1911 - IBM was granted its first patent #998,631.
1917	The Computing-Tabulating-Recording Company entered the Canadian market under the name of International Business Machines Co., Limited.
1924	C-T-R adopted the name IBM (International Business Machines).
1932	IBM acquired the National Counting Scale Company.
1933	-IBM was reorganized. The Tabulating Machine Company, International Time Recording Company, Dayton Scale Company, Ticketograph Company and International Scale Company become IBM divisions. - IBM acquired Electromatic Typewriters, Inc. The acquisition allowed IBM to enter the typewriter business.
1934	The Dayton Scale Division of IBM was sold to the Hobart Manufacturing Company as IBM exited one of its original lines of business.
1935	IBM markets the first commercially successful electric typewriter, the Electromatic.
1937	IBM introduced the IBM Type 805 International Test Scoring Machine, giving rise to the familiar "fill-in-the-bubble" test score sheets (OMR). The test-scorer, primarily designed by Reynold Johnson, uses the conductivity of pencil marks to sense correct and incorrect answers.
1956	On September 13, 1956, the IBM 305 RAMAC was the first computer to be shipped with a hard drive. The hard drive contained 50 24-inch platters and was capable of storing 5 million characters and weighed a ton.
1958	IBM sold the Time Equipment Division to Simplex Time Recorder Co., exiting one of its original lines of business.
1961	July 27, the first IBM Selectric typewriter was released.
1964	-IBM acquired a new subsidiary, Science Research Associates Inc., a Chicago publisher of education, test and guidance materials. -April 7, IBM introduced its System/360, the first of its computers to use interchangeable software and peripheral equipment. The system also incorporated IBM-designed Solid Logic Technology (SLT) microelectronics and uses the same programming instructions. The concept of a compatible "family" of computers transforms the industry.
1970	IBM introduced the System/370 that included the use of virtual memory and utilized memory chips instead of magnetic core technology. The family of computers were also able to run the earlier System/360 programs.
1980	IBM hires Microsoft to develop versions of BASIC, Fortran, COBOL, and Pascal for the PC being developed by IBM.



1981	August 12, IBM joins the computer race by introducing IBM 5150 PC that used the 4.77 MHz Intel 8088 processor, 16 kB base memory, and PC-DOS (MS-DOS) for the OS.
1984	-IBM's AT computer was introduced. -IBM discontinues marketing biomedical products, and sold its blood processing equipment business to COBE Laboratories Inc. -IBM introduces its portable computer, the IBM Portable weighing in at 30-pounds.
1986	The AT or 101 key keyboard was introduced by IBM.
1992	-IBM's storage products business was named ADSTAR. -The IBM Personal Computer Company was formed as a separate operating unit to focus exclusively on delivering leadership PC products. Within weeks of its formation, the new unit introduces more than 80 new products.
1993	IBM and Catapult, Inc. announce that IBM had acquired sole ownership of Catapult, a provider of training in personal computer end-user software.
1994	A number of IBM personal systems products were brought to market in 1994, including the IBM Aptiva Personal Computer.
1995	-Lotus became a part of IBM, making IBM the world's largest software company. -December 5, IBM unveiled Deep Blue, a parallel computing system that would later play the World Chess Champion Garry Kasparov in 1997.
1996	IBM and Edmark Corporation, a developer and publisher of consumer and education software, complete a merger.
1997	-IBM acquired Eastman Kodak's share of Technology Service Solutions, which was formed in 1994 by IBM and Eastman Kodak. TSS becomes a wholly-owned subsidiary of IBM. -May 11, IBMs Deep Blue computer defeated world champion chess player Garry Kasparov, in their second six-game showdown, winning the tie-breaking game in only 62 minutes.
1998	IBM acquired CommQuest Technologies, a company that designed and marketed advanced semiconductors for wireless communications applications, such as cellular phones. CommQuest becomes a unit of IBM's Microelectronics Division.
1999	-January 1, All IBM antivirus technical support problems should now be addressed through Symantec. -July, IBM acquired Sequent Computer Systems. -IBM today announced the industry's largest resolution, production-level LCD monitor panel available.
2001	-August 14, IBM stops selling AMD-based PCs in North America. -November, IBM started the Eclipse project.
2002	-August 4, IBM acquired Pricewaterhouse Coopers Consulting. -December 31, Hitachi closed deal to purchase IBM's hard drive operation for \$2.05 billion.
2004	December 8, IBM sold its computing division to Lenovo Group for \$1.75 billion.
2005	Lenovo completed the acquisition of IBM's Personal Computing Division.
2011	February 16, Watson, an IBM supercomputer, beats the two best human Jeopardy players in a three-day event with a score greater than the two human players combined.
2016	January 29, IBM purchased the Weather Company's product and technology assets.
2018	October 28, IBM announced its plans to acquire Red Hat for approximately \$34 billion.