	Computers and The Internet	General Technology Events	Births	Deaths
1900				
1901 1902		First trans-Atlantic radio (Marconi).		
1903		Wright Brothers 1st Flight. Ford founded.	My Dad's Mom (d1995).	
1904		Vacuum tube.	, ,	
1905				Last War of 1812 vet (b1800).
1906		Tube amplifier. AM radio transmissions.		
1907 1908		Goigar countar		
1909		Geiger counter.		
1910		Dental braces.		
1911	IBM founded.			
1912			My Mom's Mom (d1995). Turing (d1954).	Titanic sinks (1514 dead).
1913 1914		The Bra. Stainless steel.		
1914		World War I starts. Liquid fuel rocket.		Lusitania sunk by torpedo (1198 dead).
1916			Claude Shannon (d2001).	
1917				
1918		World War I ends.		
1919 1920		First licensed commercial radio.		
1921		First licensed commercial radio.		
1922		Radar.		
1923		Television demonstrated.	My in-laws (d2011,2012).	
1924				
1925 1926			Douglas Englebart (d2013).	
1927			My father (d2011).	
1928		First electronic TV demonstrated.		
1929		Regular TV broadcasts start (Germany).		
1930 1931		Pluto discovered (Tombaugh).	Neil Armstrong (d2012).	
1931		Radio telescope.		
1933		FM radio patented.		
1934				
1935			My mother.	Konstantin Tsiolkovsky (b1857).
1936	Boolean logic performed by relays (Shannon).	Berlin Olympics telecast.  Jet engines demonstrated.		
1938	boolean logic performed by relays (Shannon).	Jet engines demonstrated.		
	Atanasoff-Berry Computer.	World War II starts. First jets fly.		
1940				
1941 1942	Zuse Z3 (Germany).	NTSC (B&W) TV standard in US.		
	Colossus Mark 1.	Aqualung (Cousteau).		
	ASCC (Harvard Mark I). Colossus Mark 2.	Messerschmitt 262 jet operational.		
1945		Atom bombs dropped. WW II ends.		Robert Goddard (b1882).
	ENIAC.	Theory of Communication (Shannon).		
1947	"A Mathematical Theory of Communication" (Shannon).	Transistor. AK-47.		
1949	A Mathematical Meory of Communication (Snamon).	USSR A-Bomb. Radiocarbon dating.		
	Turing Test described (Alan Turing).		Steve Wozniak.	
			Steve Wozillak.	
1951	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.		Steve Wozinak.	
1951 1952		First commercial jet takes passengers.	Steve wozinak.	
1951 1952 1953	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.	NTSC adapted for color TV.	Steve wozinak.	Alan Turing (b1912).
1951 1952 1953 1954			Me, Berners-Lee, Gates, Jobs (d2011).	Alan Turing (b1912). Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts.  Hard drives.	NTSC adapted for color TV. Nuclear power plants.	Me, Berners-Lee, Gates, Jobs (d2011).	
1951 1952 1953 1954 1955 1956 1957	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts.  Hard drives.  First FORTRAN compiler released.	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched.		Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts.  Hard drives.  First FORTRAN compiler released.  IBM 709. ARPA established. First integrated circuits.	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched.  Explorer 1 launched.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1959	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts.  Hard drives.  First FORTRAN compiler released.	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts.  Hard drives.  First FORTRAN compiler released.  IBM 709. ARPA established. First integrated circuits.  IBM 7090. Work on COBOL starts.  First LISP interpreter released.  First COBOL compiler released.	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched.  Explorer 1 launched.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts.  Hard drives.  First FORTRAN compiler released.  IBM 709. ARPA established. First integrated circuits.  IBM 7090. Work on COBOL starts.  First LISP interpreter released.  First COBOL compiler released.  First COBOL compiler released.  First COMPUTER game: SpaceWarl.	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched.  Explorer 1 launched.  Luna 3 photographs far side of Moon.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts.  Hard drives.  First FORTRAN compiler released.  IBM 709. ARPA established. First integrated circuits.  IBM 7090. Work on COBOL starts.  First LISP interpreter released.  First COBOL compiler released.  First COBOL compiler released.  First computer game: SpaceWarl.  Computer mouse developed (Englebart).	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched.  Explorer 1 launched.  Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin).  First practical Light Emitting Diodes (LED).	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts.  Hard drives.  First FORTRAN compiler released.  IBM 709. ARPA established. First integrated circuits.  IBM 709. Work on COBOL starts.  First LSP interpreter released.  First COBOL compiler released.  First COBOL compiler sead.  First COBOL computer game: SpaceWarl.  Computer mouse developed (Englebart).  IBM 360, CDC 6600.	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin).	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts.  Hard drives.  First FORTRAN compiler released.  IBM 709. ARPA established. First integrated circuits.  IBM 709. Work on COBOL starts.  First LISP interpreter released.  First COBOL compiler released.  First COBOL compiler released.  First Computer game: SpaceWarl.  Computer mouse developed (Englebart).  IBM 360, CDC 6600.  CDC 3300. Packet Switching described.  ILLIAC IV contracted.	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched.  Explorer 1 launched.  Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin).  First practical Light Emitting Diodes (LED).	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts.  Hard drives.  First FORTRAN compiler released.  IBM 709. ARPA established. First integrated circuits.  IBM 709. Work on COBOL starts.  First LISP interpreter released.  First COBOL compiler released.  First COBOL compiler released.  First COMPUTE remouse developed (Englebart).  IBM 360, CDC 6600.  CDC 3300. Packet Switching described.  ILIJAC IV contracted.  LOGO language.	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 files past Mars.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First computer game: SpaceWarl. Computer mouse developed (Englebart). IBM 360, CDC 6600.  CDC 3300. Packet Switching described. ILLIAC IV contracted. LOGO language. Apollo Guidance Computer first flight (Apollo 7).	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8).	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts.  Hard drives.  First FORTRAN compiler released.  IBM 709. ARPA established. First integrated circuits.  IBM 7090. Work on COBOL starts.  First LISP interpreter released.  First LISP interpreter released.  First COBOL compiler released.  First computer game: SpaceWarl.  Computer mouse developed [Englebart].  IBM 360, CDC 6600.  CDC 3300. Packet Switching described.  ILLIAC IV contracted.  LIGGO language.  Apollo Guidance Computer first flight (Apollo 7).  ARPANET [4 hosts]. Telnet developed.	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin).	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 7090. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First COMPUTER START STAR	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8).	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1969 1969 1970 1971	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 7090. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First computer game: SpaceWarl. Computer mouse developed (Englebart). IBM 360, CDC 6600. CDC 3300. Packet Switching described. ILLIAC IV contracted. LIGGO language. Apollo Guidance Computer first flight (Apollo 7). ARPANET [4 hosts]. Telnet developed. UNIX development starts. [13 hosts] FTP protocol. First microprocessor chips. [23 hosts]	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt).	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1955 1956 1957 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First COMPUTER START	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1968 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. ARPA established Starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First COBOL compiler released. First computer game: SpaceWarl. Computer mouse developed (Englebart). IBM 360, CDC 6600.  CDC 3300. Packet Switching described. ILLIAC IV contracted. LOGO language. Applol Guidance Computer first flight (Apollo 7). ARPANET [4 hosts]. Telnet developed. UNIX development starts. [13 hosts] FIP protocol. First microprocessor chips. [23 hosts] [31 hosts] Email standardization proposed (Email 75% of traffic). TCP/IP described. "Internet" coined. [62 hosts]	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1969 1970 1971 1972 1973	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 7090. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First COBOL compiler released. First computer game: SpaceWarl. Computer mouse developed (Englebart). IBM 360, CDC 6600. CDC 3300. Packet Switching described. ILLIAC IV contracted. LOGO language. Apollo Guidance Computer first flight (Apollo 7). ARPANET (4 hosts). Telnet developed. UNIX development starts. [13 hosts] FTP protocol. First microprocessor chips. [23 hosts] ISM 1 shandardization proposed (Email 75% of traffic). TCP/IP described. "Internet" coined. [62 hosts] UNIX marketed.	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by. Apollo-Soyut test project.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1959 1960 1961 1963 1964 1965 1966 1969 1970 1971 1972 1973 1974 1975	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. ARPA established. First integrated circuits. IBM 7090. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First computer game: SpaceWarl. Computer mouse developed (Englebart). IBM 360, CDC 6600.  CDC 3300. Packet Switching described. ILLIAC IV contracted. LOGO language. Apollo Guidance Computer first flight (Apollo 7). ARPANET [4 hosts]. Telnet developed. UNIX development starts. [13 hosts] FIP protocol. First microprocessor chips. [23 hosts] ISM 1801. Start Star	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1960 1961 1962 1963 1964 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1978	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First COBOL compiler released. First computer game: SpaceWarl. Computer mouse developed (Englebart). IBM 360, CDC 6600. CDC 3300. Packet Switching described. ILLIAC IV contracted. ILLIAC IV contracted. ILLIAC IV contracted. ILLIAC IV contracted. UNIX development starts. [13 hosts] FTP protocol. First microprocessor chips. [23 hosts] [31 hosts] Imal istandardization proposed (Email 75% of traffic). TCP/IP described. "Internet" coined. [62 hosts] UNIX marketed. Apple Computer founded. Apple [], Tandy TRS-80 released. [111 hosts] Visicalc spreadsheet for Apple [].	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1962 1963 1964 1964 1965 1966 1969 1970 1971 1972 1973 1974 1975 1976 1977 1977	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts.  Hard drives.  First FORTRAN compiler released.  IBM 709. ARPA established. First integrated circuits.  IBM 709. Work on COBOL starts.  First LISP interpreter released.  First COBOL compiler released.  First COMPUTER THE START ST	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.  Walkman. CD invented.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1960 1961 1962 1963 1964 1965 1966 1967 1970 1971 1972 1973 1974 1975 1976 1977 1978	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. ARPA established. First integrated circuits. IBM 7090. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First computer game: SpaceWarl. Computer mouse developed (Englebart). IBM 360, CDC 6600.  CDC 3300. Packet Switching described. ILLIAC IV contracted. LOGO language. Apollo Guidance Computer first flight (Apollo 7). ARPANET [4 hosts]. Telnet developed. UNIX development starts. [13 hosts] FIP protocol. First microprocessor chips. [23 hosts] ISP protocol. First microprocessor chips. [23 hosts] ISP protocol. First microprocessor chips. [24 hosts] UNIX marketed. Apple Computer founded. Apple [J. Tandy TRS-80 released. [111 hosts] Visicalc spreadsheet for Apple [J. Usenet user groups. [188 hosts] Islash memory developed.	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 files past Mars.  First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmit). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.  Walkman. CD invented.  Voyager 1 Saturn & Titan fly-by.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1990 1961 1962 1963 1964 1965 1966 1967 1968 1969 1971 1972 1973 1974 1975 1976 1977 1978 1978	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts.  Hard drives.  First FORTRAN compiler released.  IBM 709. ARPA established. First integrated circuits.  IBM 709. Work on COBOL starts.  First LISP interpreter released.  First COBOL compiler released.  First COMPUTER THE START ST	NTSC adapted for color TV.  Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.  Walkman. CD invented.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1970 1971 1972 1973 1974 1975 1978 1979 1979 1979 1980 1981 1981 1981	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. ARPA established. First integrated circuits. IBM 7090. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First computer game: SpaceWarl. Computer mouse developed (Englebart). IBM 360, CDC 6600.  CDC 3300. Packet Switching described. ILLIAC IV contracted. LOGO language. Apollo Guidance Computer first flight (Apollo 7). ARPANET [4 hosts]. Telnet developed. UNIX development starts. [13 hosts] FIP protocol. First microprocessor chips. [23 hosts] ISI hosts] Email standardization proposed (Email 75% of traffic). TCP/IP described. "Internet" coined. [62 hosts] UNIX marketed. Apple [J. Tandy TRS-80 released. [111 hosts] Visicalc spreadsheet for Apple [J. Usenet user groups. [188 hosts] Flash memory developed. IPv4 described. IBM PC released. BITNET. CSNET. SMTP mail protocol standardized. [235 hosts] Lotus 1-2-3. ARPANET uses TCP/IP, [562 hosts]	NTSC adapted for color TV. Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.  Walkman. CD invented.  Voyager 1 Saturn & Titan fly-by. First space shuttle "Columbia" launch.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1956 1960 1961 1962 1963 1964 1965 1966 1967 1971 1972 1973 1974 1975 1978 1979 1979 1979 1979 1979 1979 1979	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. ARPA established. First integrated circuits. IBM 709. Work on COBOL starts. First LISP interpreter released. First SCOBOL compiler released. First computer game: SpaceWarl. Computer mouse developed (Englebart). IBM 360, CDC 6600. CDC 3300. Packet Switching described. ILLIAC IV contracted. LOGO language. Apollo Guidance Computer first flight (Apollo 7). ARPANET [4 hosts]. Telnet developed. UNIX development starts. [13 hosts] FIP protocol. First microprocessor chips. [23 hosts] [31 hosts] Email standardization proposed (Email 75% of traffic). TCP/IP described. "Internet" coined. [62 hosts] UNIX marketed. Apple Computer founded. Apple Computer founded. Apple Computer founded. INIX marketed. INIX ma	NTSC adapted for color TV. Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.  Walkman. CD invented. Voyager 1 Saturn & Titan fly-by. First space shuttle "Columbia" launch. CD player.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1956 1957 1960 1961 1962 1963 1964 1966 1967 1969 1970 1971 1972 1973 1974 1975 1979 1979 1979 1979 1979 1980 1981 1982 1983 1983 1983 1983	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First COMPUTER of COBOL starts. First COMPUTER of COBOL starts. First COMPUTER of COBOL starts.  COMPUTER of COBOL compiler released. First COMPUTER of COBOL starts.  IBM 360, CDC 6600.  CDC 3300. Packet Switching described. ILLIAC IV contracted.  ILLIAC IV contracted. ILLIAC IV contracted. ILLIAC IV contracted. ILLIAC IV contracted. ILLIAC IV starts flight (Apollo 7). ARPANET [4 hosts]. Telnet developed.  UNIX development starts. [13 hosts] FTP protocol. First microprocessor chips. [23 hosts] [31 hosts] Email standardization proposed (Email 75% of traffic). TCP/IP described. "Internet" coined. [62 hosts] UNIX marketed. Apple Computer founded. Apple I, Tandy TRS-80 released. [111 hosts] Visicals spreadsheet for Apple I[. Usenet user groups. [188 hosts] Flash memory developed.  IPv4 described. IBM PC released. BITNET. CSNET. SMTP mail protocol standardized. [235 hosts] Lotus 1-2-3. ARPANET uses TCP/IP, [562 hosts] Apple Macintosh released. Tetris. [1,000 hosts] Windows 1.0 released. [1,961 hosts]	NTSC adapted for color TV. Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First hoon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.  Walkman. CD invented. Voyager 1 Saturn & Titan fly-by. First space shuttle "Columbia" launch. CD player. First commercial mobile phone.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1960 1961 1962 1963 1964 1969 1970 1971 1972 1973 1974 1975 1978 1979 1979 1979 1979 1979 1979 1979	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. ARPA established. First integrated circuits. IBM 7090. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First CODBU regame: SpaceWarl. Computer mouse developed (Englebart). IBM 360, CDC 6600.  CDC 3300. Packet Switching described. ILLIAC IV contracted. LOGO language. Apollo Guidance Computer first flight (Apollo 7). ARPANET [4 hosts]. Telnet developed. UNIX development starts. [13 hosts] FTP protocol. First microprocessor chips. [23 hosts] ISM 1800. First microprocessor chips. [24 hosts] ISM 1800. First microprocessor chips. [25 hosts] UNIX mrketed. Apple Computer founded. Apple Computer founded. Apple [], Tandy TRS-80 released. [111 hosts] Visicalc spreadsheet for Apple []. Usenet user groups. [188 hosts] Flash memory developed. IPV4 described. IBM PC released. BITNET. CSNET. SMTP mail protocol standardized. [235 hosts] Lotus 1-2-3. ARPANET uses TCP/IP. [562 hosts] Apple Macintosh released. Tetris. [1,000 hosts] Windows 1.0 released. [1,961 hosts] NSFNET starts replacing ARPANET. [5,089 hosts]	NTSC adapted for color TV. Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Ploneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyager 1 & 2 launched.  Walkman. CD invented. Voyager 1 Saturn & Titan fly-by. First space shuttle "Columbia" launch. CD player. First commercial mobile phone.  Shuttle "Challenger" lost on launch.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1969 1961 1962 1963 1964 1965 1966 1969 1970 1971 1972 1973 1974 1975 1976 1979 1979 1979 1981 1982 1982 1983 1984	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First COMPUTER of COBOL starts. First COMPUTER of COBOL starts. First COMPUTER of COBOL starts.  COMPUTER of COBOL compiler released. First COMPUTER of COBOL starts.  IBM 360, CDC 6600.  CDC 3300. Packet Switching described. ILLIAC IV contracted.  ILLIAC IV contracted. ILLIAC IV contracted. ILLIAC IV contracted. ILLIAC IV contracted. ILLIAC IV starts flight (Apollo 7). ARPANET [4 hosts]. Telnet developed.  UNIX development starts. [13 hosts] FTP protocol. First microprocessor chips. [23 hosts] [31 hosts] Email standardization proposed (Email 75% of traffic). TCP/IP described. "Internet" coined. [62 hosts] UNIX marketed. Apple Computer founded. Apple I, Tandy TRS-80 released. [111 hosts] Visicals spreadsheet for Apple I[. Usenet user groups. [188 hosts] Flash memory developed.  IPv4 described. IBM PC released. BITNET. CSNET. SMTP mail protocol standardized. [235 hosts] Lotus 1-2-3. ARPANET uses TCP/IP, [562 hosts] Apple Macintosh released. Tetris. [1,000 hosts] Windows 1.0 released. [1,961 hosts]	NTSC adapted for color TV. Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First hoon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.  Walkman. CD invented. Voyager 1 Saturn & Titan fly-by. First space shuttle "Columbia" launch. CD player. First commercial mobile phone.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1960 1961 1962 1963 1964 1969 1970 1971 1972 1973 1974 1975 1978 1979 1979 1979 1979 1979 1979 1979	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. ARPA established. First integrated circuits. IBM 7090. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First CODDUCT game: SpaceWarl. Computer game: SpaceWarl. Computer mouse developed (Englebart). IBM 360, CDC 6600.  CDC 3300. Packet Switching described. ILLIAC IV contracted. LOGO language. Apollo Guidance Computer first flight (Apollo 7). ARPANET [4 hosts]. Telnet developed. UNIX development starts. [13 hosts] FIP protocol. First microprocessor chips. [23 hosts] ISM 1801 [15] ISM 1801	NTSC adapted for color TV. Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Ploneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.  Walkman. CD invented. Walkman. CD invented. Voyager 1 Saturn & Titan fly-by. First space shuttle "Columbia" launch. CD player. First commercial mobile phone.  Shuttle "Challenger" lost on launch. Statin cholesterol drugs.  "The Cuckoo's Egg" (Stoll).	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879).
1951 1952 1953 1954 1955 1956 1957 1958 1969 1961 1962 1963 1964 1965 1967 1971 1972 1973 1974 1975 1979 1970 1971 1972 1973 1974 1975 1979 1980 1981 1982 1983 1984 1985 1988 1988 1988 1988 1988 1988 1988	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. Work on COBOL starts. First LISP interpreter released. First LISP interpreter released. First COBOL compiler released. First COMPUTER START STA	NTSC adapted for color TV. Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.  Walkman. CD invented. Voyager 1 Saturn & Titan fly-by. First space shuttle "Columbia" launch. CD player. First commercial mobile phone.  Shuttle "Challenger" lost on launch. Statin cholesterol drugs.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879). Last Civil War veteran (b1847).
1951 1952 1953 1954 1955 1956 1957 1958 1960 1961 1962 1963 1964 1965 1966 1967 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1988 1988 1988 1988 1988 1988	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First COMPUTER START	NTSC adapted for color TV. Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Ploneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.  Walkman. CD invented. Walkman. CD invented. Voyager 1 Saturn & Titan fly-by. First space shuttle "Columbia" launch. CD player. First commercial mobile phone.  Shuttle "Challenger" lost on launch. Statin cholesterol drugs.  "The Cuckoo's Egg" (Stoll).	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879). Last Civil War veteran (b1847).
1951 1952 1953 1954 1955 1956 1957 1958 1960 1961 1962 1963 1964 1969 1970 1971 1972 1973 1974 1975 1978 1979 1981 1982 1983 1984 1983 1984 1985 1986 1987 1988 1988 1988 1988 1988 1988 1988	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. ARPA established. First integrated circuits. IBM 7090. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First CODDITE game: SpaceWarl. Computer mouse developed (Englebart). IBM 360, CDC 6600.  CDC 3300. Packet Switching described. ILLIAC IV contracted. LOGO language. Apollo Guidance Computer first flight (Apollo 7). ARPANET [4 hosts]. Telnet developed. UNIX development starts. [13 hosts] FIP protocol. First microprocessor chips. [23 hosts] ISM 1801 [13 hosts] Email standardization proposed (Email 75% of traffic). TCP/IP described. "Internet" coined. [62 hosts] UNIX marketed. Apple Computer founded. Apple [J. Tandy TRS-80 released. [111 hosts] Visicalc spreadsheet for Apple [J. Usenet user groups. [188 hosts] Flash memory developed. IPV4 described. IBM PC released. BITNET. CSNET. SMTP mail protocol standardized. [235 hosts] Lotus 1-2-3. ARPANET uses TCP/IP. [55c hosts] Apple Macintosh released. Tetris. [J,000 hosts] Windows 1.0 released. 1,961 hosts] NSFNET starts replacing ARPANET. [5,089 hosts] [10,000+ hosts] First HTTP client-server action. [300,000+ hosts] First HTTP client-server action. [300,000+ hosts] First HTML. First graphical browser (Mosaic). [1M+ hosts]	NTSC adapted for color TV. Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by. Apollo-Soyut test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.  Walkman. CD invented. Voyager 1 Saturn & Titan fly-by. First space shuttle "Columbia" launch. CD player. First commercial mobile phone.  Shuttle "Challenger" lost on launch. Statin cholesterol drugs.  "The Cuckoo's Egg" (Stoll). 12.4 Million cell phone subscriptions.	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879). Last Civil War veteran (b1847).
1951 1952 1953 1954 1955 1956 1957 1958 1960 1961 1962 1963 1964 1965 1966 1967 1971 1972 1973 1974 1975 1978 1980 1981 1981 1982 1983 1984 1985 1988 1989 1988 1988 1989 1992 1993 1994	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First COBOL compiler released. First COMPUTER START STAR	NTSC adapted for color TV. Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Ploneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.  Walkman. CD invented. Walkman. CD invented. Voyager 1 Saturn & Titan fly-by. First space shuttle "Columbia" launch. CD player. First commercial mobile phone.  Shuttle "Challenger" lost on launch. Statin cholesterol drugs.  "The Cuckoo's Egg" (Stoll).	Me, Berners-Lee, Gates, Jobs (d2011).	Albert Einstein (b1879). Last Civil War veteran (b1847).
1951   1952   1953   1954   1955   1956   1957   1958   1969   1961   1962   1963   1964   1965   1966   1967   1970   1971   1971   1972   1973   1974   1975   1978   1982   1983   1984   1984   1986   1987   1988   1988   1989   1990   1991   1992   1993   1993   1994   1995   1993   1994   1995   1995 	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. Work on COBOL starts. First LISP interpreter released. First SUBOL compiler released. First SUBOL compiler released. First computer game: SpaceWarl. Computer mouse developed (Englebart). IBM 360, CDC 6600. CDC 3300. Packet Switching described. ILLIGO Inaguage. Apollo Guidance Computer first flight (Apollo 7). ARPANET [4 hosts]. Telnet developed. UNIX development starts. [13 hosts] FIP protocol. First microprocessor chips. [23 hosts] [31 hosts] Email standardization proposed (Email 75% of traffic). TCP/IP described. "Internet" coined. [62 hosts] UNIX marketed. Apple Computer founded. Apple [J. Tandy TRS-80 released. [111 hosts] Visicalc spreadsheet for Apple ][. Usenet user groups. [188 hosts] Flash memory developed. IPV4 described. IBM PC released. BITNET. CSNET. SMTP mail protocol standardized. [235 hosts] Lotus 1-2-3. ARPANET uses TCP/IP. [562 hosts] Apple Macintosh released. Tetris. [1,000 hosts] Windows 1.0 released. [1961 hosts] NSFNET starts replacing ARPANET. [5,089 hosts] [10,000+ hosts] First HTTP client-server action. [300,000+ hosts] First HTTP client-server action. [300,000+ hosts] First HTTP client-server action. [300,000+ hosts] Blogs. Intel Pentium chips released. [2M+ hosts]	NTSC adapted for color TV. Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking 1 & II probes land on Mars. Voyagers 1 & 2 launched.  Walkman. CD invented. Woyager 1 Saturn & Titan fly-by. First space shuttle "Columbia" launch. CD player. First commercial mobile phone.  Shuttle "Challenger" lost on launch. Statin cholesterol drugs.  "The Cuckoo's Egg" (Stoll). 12.4 Million cell phone subscriptions.	Me, Berners-Lee, Gates, Jobs (d2011).  My wife.  Students in CMPSCI 120  Students in CMPSCI 120. My daughter.	Albert Einstein (b1879). Last Civil War veteran (b1847).
1951   1952   1953   1954   1955   1956   1957   1958   1960   1962   1963   1964   1965   1966   1967   1970   1971   1972   1973   1974   1975   1977   1978   1987   1988   1988   1988   1988   1989   1991   1992   1993   1994   1995   1994   1995   1994   1995   1994   1995   1994   1995   1996   1996   1997   1998   1999   1999 	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First COBOL compiler released. First COBOL compiler released. First COMPUTER START COBOL COMPILER COBOL COMPILER COBOL COMPILER COBOL COBOL COMPILER COBOL COB	NTSC adapted for color TV. Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 files past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.  Walkman. CD invented. Voyager 1 Saturn & Titan fly-by. First space shuttle "Columbia" launch. CD player. First commercial mobile phone.  Shuttle "Challenger" lost on launch. Statin cholesterol drugs.  "The Cuckoo's Egg" (Stoll). 12.4 Million cell phone subscriptions.	Me, Berners-Lee, Gates, Jobs (d2011).  My wife.  Students in CMPSCI 120  Students in CMPSCI 120. My daughter.  Students in CMPSCI 120. My daughter.	Albert Einstein (b1879). Last Civil War veteran (b1847).  War veteran (b1847).  War veteran (b1847).  War veteran (b1847).
1951 1952 1953 1954 1955 1956 1957 1958 1960 1961 1962 1963 1964 1965 1966 1967 1971 1972 1973 1974 1975 1978 1980 1981 1981 1982 1983 1984 1985 1986 1987 1988 1988 1988 1988 1988 1989 1991 1992 1993 1994 1995 1994 1995 1995 1996 1997	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First COBOL compiler released. First COMPUTER START STAR	NTSC adapted for color TV. Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 flies past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Ploneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.  Voyager 1 Saturn & Titan fly-by. First space shuttle "Columbia" launch. CD player. First commercial mobile phone.  Shuttle "Challenger" lost on launch. Statin cholesterol drugs.  "The Cuckoo's Egg" (Stoll). 12.4 Million cell phone subscriptions.  Global Positioning System (GPS). Blue LED.	Me, Berners-Lee, Gates, Jobs (d2011).  My wife.  Students in CMPSCI 120  Students in CMPSCI 120. My daughter.	Albert Einstein (b1879). Last Civil War veteran (b1847).  War veteran (b1847).  My great uncle (b1888).
1951   1952   1953   1954   1955   1956   1957   1958   1966   1967   1968   1969   1967   1971   1972   1973   1974   1975   1976   1977	UNIVAC, EDVAC, Whirlwind, Ferranti Mark 1.  IBM 704. Work on FORTRAN starts. Hard drives.  First FORTRAN compiler released. IBM 709. ARPA established. First integrated circuits. IBM 709. Work on COBOL starts. First LISP interpreter released. First COBOL compiler released. First COBOL compiler released. First COBOL compiler released. First COBOL compiler released. First COMPUTER START COBOL COMPILER COBOL COMPILER COBOL COMPILER COBOL COBOL COMPILER COBOL COB	NTSC adapted for color TV. Nuclear power plants.  Sputnik launched. Explorer 1 launched. Luna 3 photographs far side of Moon.  First man in space (Yuri Gagarin). First practical Light Emitting Diodes (LED).  Mariner 4 files past Mars.  First humans orbit Moon (Apollo 8). First Moon landing (Armstrong & Aldrin). Pocket calculator. Apollo 13 aborts.  Sixth Moon landing (Cernan & Schmitt). First mobile phone demonstrated. Pioneer 11 Jupiter fly-by. Apollo-Soyuz test project. Viking I & II probes land on Mars. Voyagers 1 & 2 launched.  Walkman. CD invented. Voyager 1 Saturn & Titan fly-by. First space shuttle "Columbia" launch. CD player. First commercial mobile phone.  Shuttle "Challenger" lost on launch. Statin cholesterol drugs.  "The Cuckoo's Egg" (Stoll). 12.4 Million cell phone subscriptions.	Me, Berners-Lee, Gates, Jobs (d2011).  My wife.  Students in CMPSCI 120  Students in CMPSCI 120. My daughter.  Students in CMPSCI 120. My daughter.	Albert Einstein (b1879). Last Civil War veteran (b1847).  My great uncle (b1888).

Year	Computers and The Internet	General Technology Events	Births	Deaths
2000	Dot-Com bubble bursts. [1 Billion unique URLs.]	Y2K issues mostly avoided.		
2001	StumbleUpon. Wikipedia. iPod.			Claude Shannon (b1916).
2002	Friendster.			
2003	MySpace, LinkedIn, iTunes, Second Life, 4chan.	STS-107 "Columbia" disintegrates on re-entry.		
2004	Facebook, Flickr, podcasts, WoW. Firefox released.	"Spirit" & "Opportunity" rovers land on Mars.		
2005	YouTube, Google Earth. Mac Tiger.	"Huygens" probe lands on Titan.		
2006	Twitter.			
2007	Google Street View. iPhone, Dropbox. Win Vista, Mac Leopard.			
2008	IPv6 added to root servers. [1 Trillion unique URLs.]			
2009	Windows 7. 1.73 Billion Internet users. 90 Trillion emails.	NTSC TV broadcasts replaced by HDTV.		Last Titanic survivor (b1912).
2010	1.97 Billion Internet users. iPad.	4.6 Billion cell phone subscriptions.		
2011	IPv4 exhaustion. IPv6 test day in June. iPad 2. Mac Lion.	ISS construction completed, shuttle retires.		Last Lusitania survivor (b1915). My Dad (b1927).
2012	IPv6 rollout. iPad 3. Windows 8, Mac Mountain Lion.	SpaceX @ ISS, MSL "Curiosity" lands on Mars.		Last WWI vet (b1901). Neil Armstrong (b1930).
2013	3D Printing ramps up. NSA targets encrypted email.	Earth-like exoplanets. Neandertal genome. Higgs.		Douglas Englebart (b1925) - computer mouse.
2014	128Gb microSD. IPv6: 4%. Mac OS-X 10.10 Yosemite.	Drones popular. Voyager I interstellar. Rosetta/Philae.		Roger Easton (b1921) - GPS.
2015	Windows 10 (July). Mac OS-X 10.11 El Capitan.	New Horizons flies by Pluto/Charon		Joseph Traub (b1932) - CMPSCI pioneer.
2016	IPv6: 13%. macOS Sierra (10.12).	Philae lander located. SpaceX lands boosters.		Minsky (b1927) - Al. Tomlinson (b1941) - email.

Sources: Personal History (William T. Verts) Wikipedia Franklin, Beedle & Associates chart Hobbes Internet Timeline

http://www.wikipedia.com/

http://www.zakon.org/robert/internet/timeline/