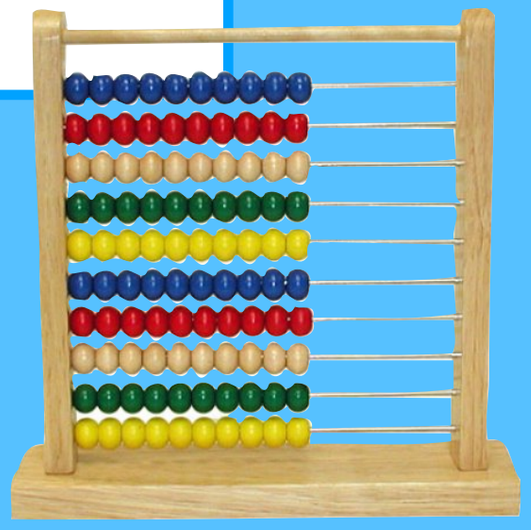
History of Computing

500BC
Computers originated from the Abacus, which is also known as the first Calculator



1613
Richard Braithwaite used the word *Computer* to describe someone who is perfect at mathematical calculations

1679
Gottfried Leibniz invented the Binary system, which forms the basis of digital computer systems

Binary Number	1	0	1	1	0	1	Decimal Number
Power of base	2^5	2^4	2^3	2^2	2^1	2^0	
Decimal equivalent	32	16	8	4	2	1	
Magnitude of each term	32	0	8	4	0	1	45

1936
Alan Turing published ‘On Computable Numbers’ in which he discussed the principle of the modern computer.

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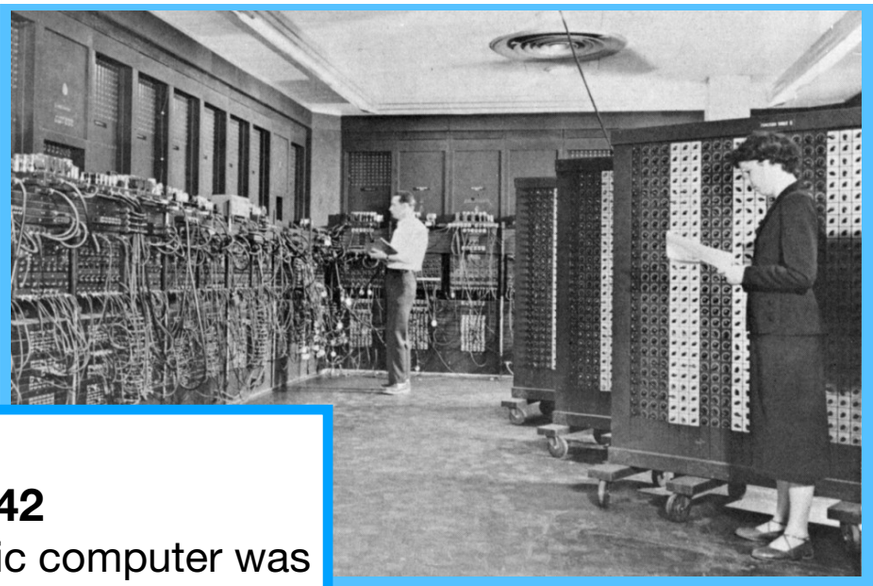
1939
George Stibitz created the Complex Number Calculator which was the first example of Computing

1942
The first electronic computer was invented. It weighed 5 tons and had over 750,000 parts



1948
The first computer that allowed programs to be stored on it was invented, nicknamed the *Manchester Baby*

1953
IBM released it's first computer

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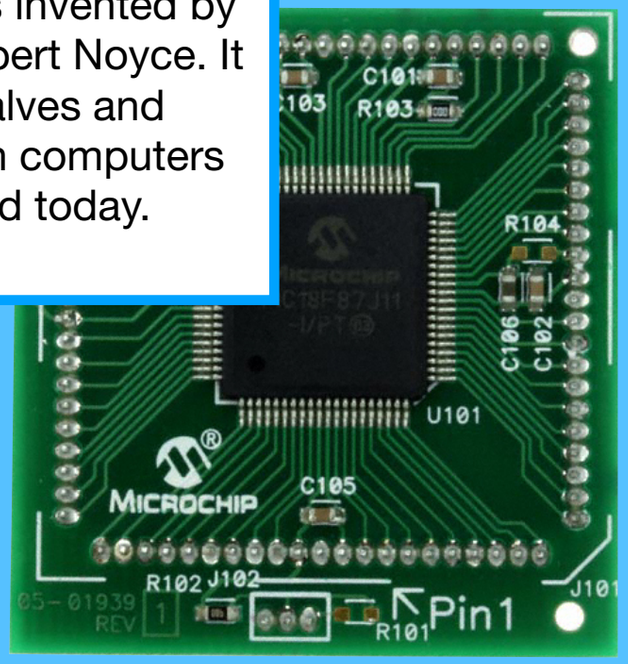
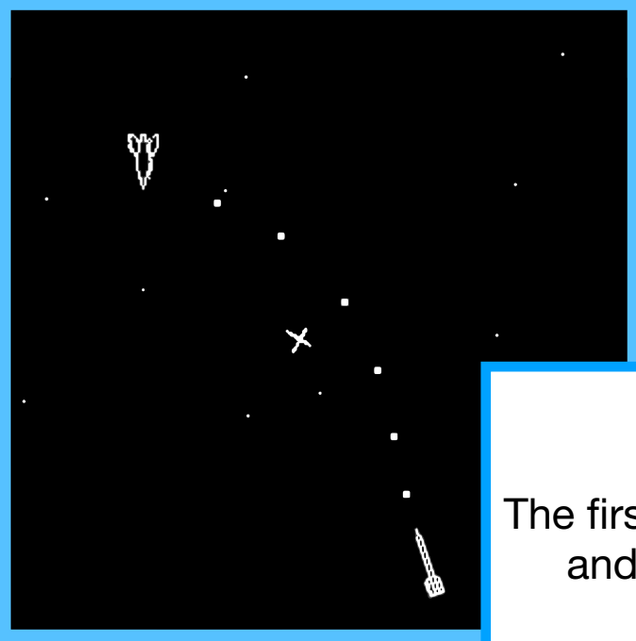
1959
The Microchip was invented by Jack Kirby and Robert Noyce. It replaced the valves and transistors used in computers and is still used today.



1962
IBM create the first removable disk drive. Was not exactly portable, about the size of a modern day oven!



1962
The first video game was created and was called *Space War*

1963
Douglas Engelbart invented the computer mouse. He called it the mouse because the cord came out the back like a tail.

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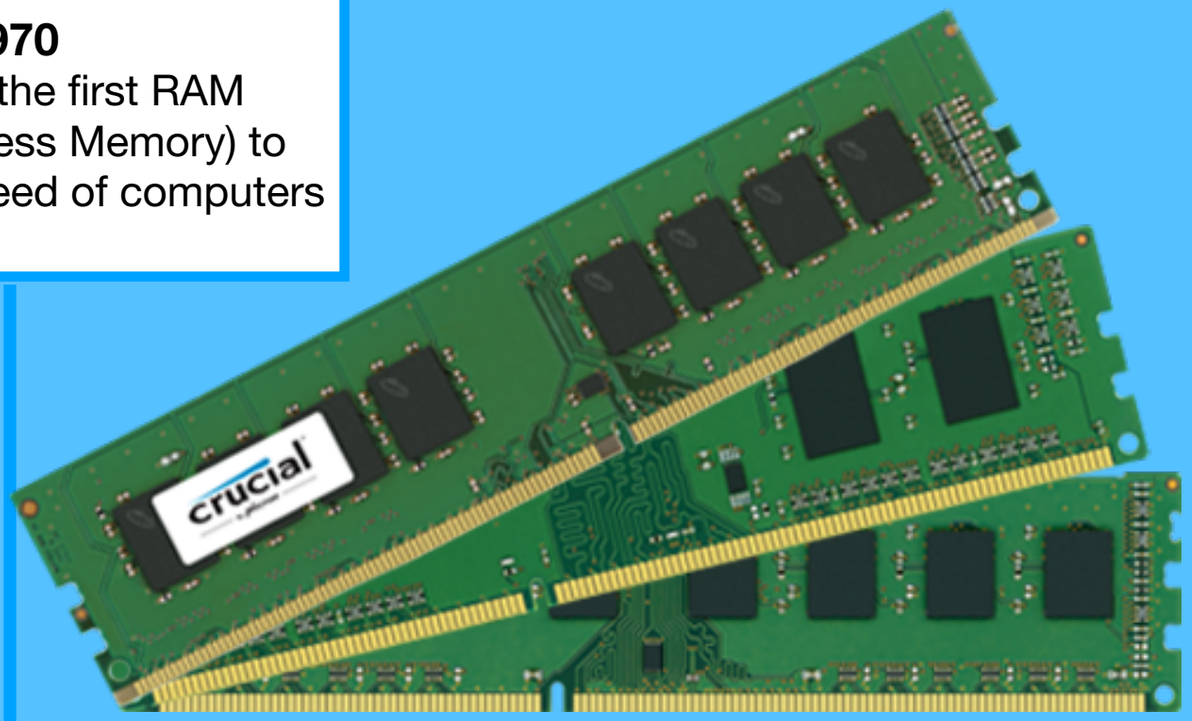
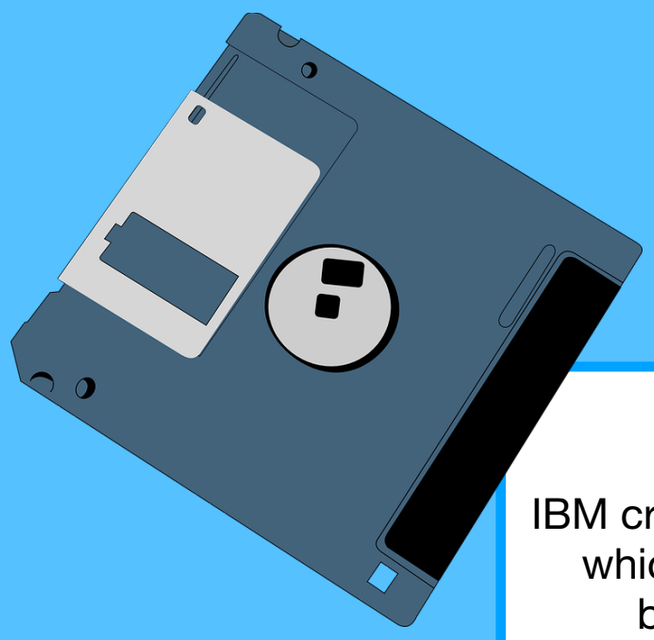
1964
IBM introduce the first Word Processor

1970
Intel create the first RAM (Random Access Memory) to increase the speed of computers





1967
IBM creates the first floppy disc which was 8 inches before becoming 3.5 inches

1971
E-mail is invented by Ray Tomlinson

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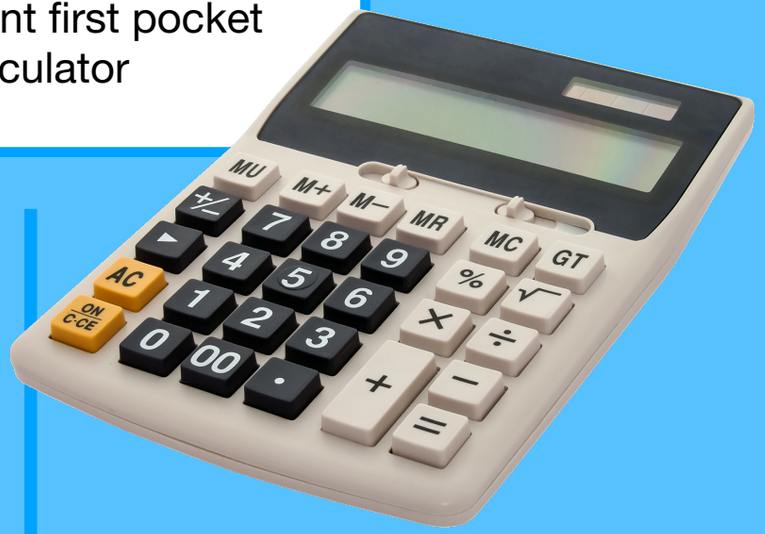
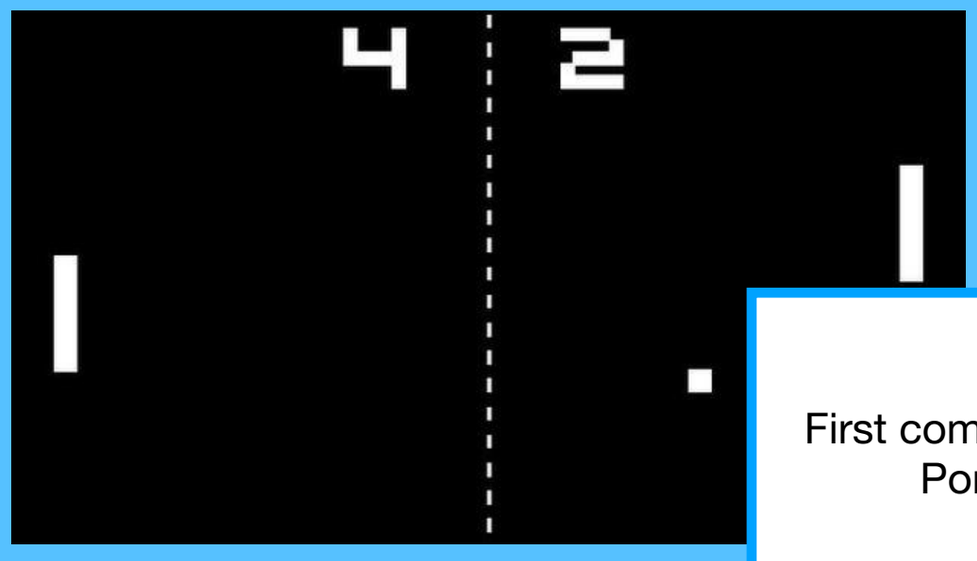
1971
Sharp invent first pocket Calculator



1972
The first Compact Disc (CD) is invented. Not released commercially until 1982



1972
First commercial video game, Pong, is invented

1972
Hamilton launch first digital watch. It cost more than most cars.

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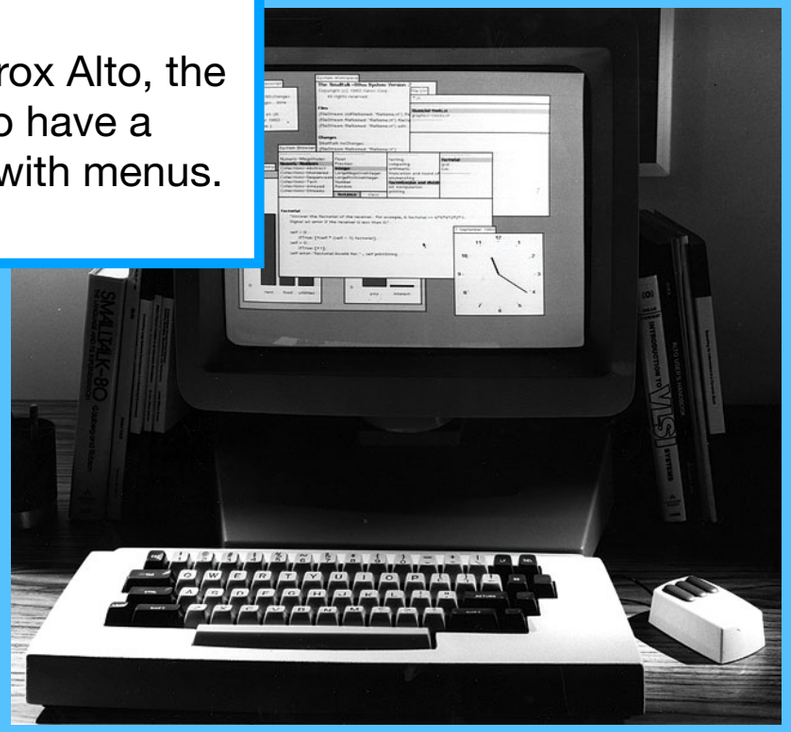
1974
Xerox create the Xerox Alto, the first computer to have a graphical interface with menus.



1976
Steve Jobs and Steve Wozniak found Apple on April Fools Day

1975
Microsoft is founded by Bill Gates and Paul Allen, making software for computers

1977
Apple release the Apple II, the first personal computer with a colour graphical display

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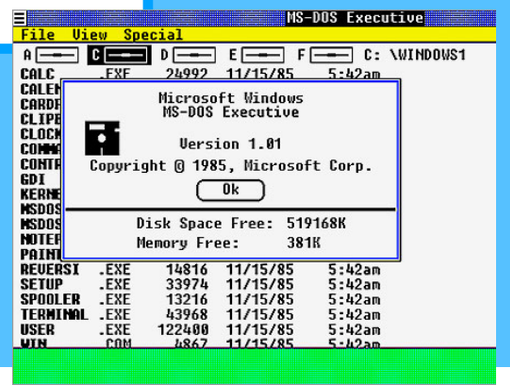
1981
Microsoft release MS-DOS operating system

1983
Microsoft Windows is introduced eliminating the need for a user to have to type each command, like MS-DOS, by using a mouse to navigate through drop-down menus, tabs and icons



1982
The Commodore 64 becomes the world's best selling computer

1984
Apple introduces the Macintosh with mouse and window interface

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1985
Nintendo launches the Entertainment System

1987
Recordable CDs become available

1987
Toshiba release the T1000, making laptops more widely available

1989
The number of PCs shipped worldwide reaches 120 million

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1990
Tim Berners-Lee and Robert Cailliau propose a 'hypertext' system starting the modern Internet. The World Wide Web is released in 1993

1992
CDs outsell cassettes for the first time

1990
Kodak develops the first Photo CD

1994
Yahoo is founded

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1995
First PC driven Virtual Reality Headset

1995
Java is invented and Amazon, Ebay and Hotmail are founded

amazon

ebay

1995
First USB technology is introduced

1995
First Digital Radio broadcast

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1997
Wifi is released

1998
Apple introduces the iMac

1996
The DVD is introduced in Japan

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1998
Google is founded by Larry Page and Sergey Brin

Google

1998
The first MP3 player is released

1998
PayPal is founded by Peter Thiel and Max Levchin

PayPal

2001
Microsoft introduces the first Xbox games console

2001
Apple introduce the first iPod and launch iTunes

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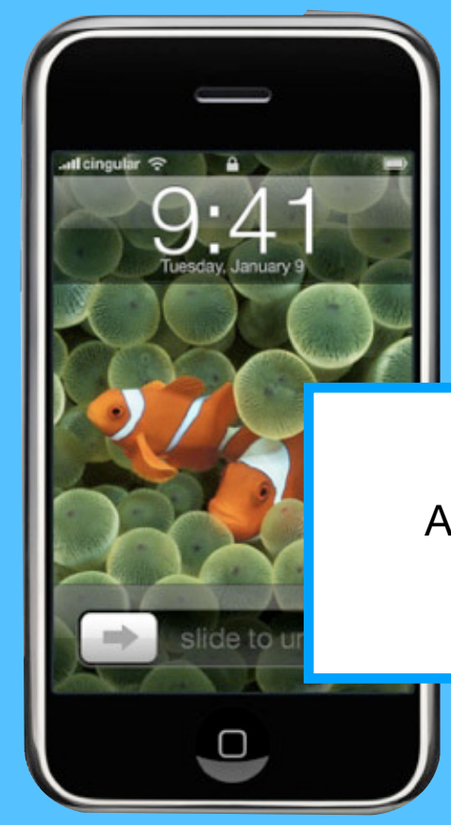
2003
Skype is launched

2005
YouTube is launched

2008
Apple launches the App Store

2004
Facebook is founded



2007
Apple releases the first iPhone

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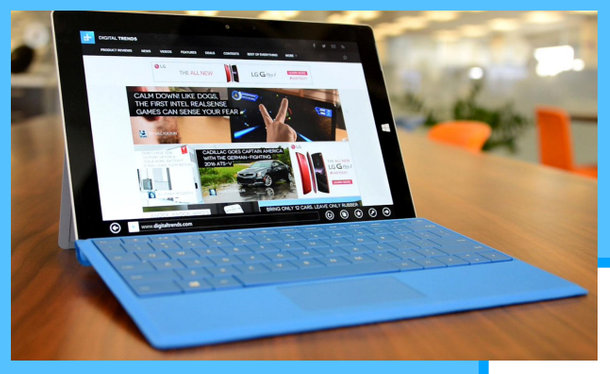
2008
Android operating system is released

2011
The first Chromebook is released

2015
Apple release the Apple Watch smart watch

2010
Apple releases the first iPad



2012
Microsoft releases the Surface 2 in 1 laptop

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