

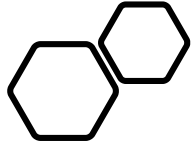
SAFALTA CLASSTM

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HISTORY & GENERSTION COMPUTER SPECIAL CLASS

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HISTORY & GENERATION OF COMPUTER

By: Dheerendra Sir



Computer is an electronic Device which can understand the language of electric circuit if circuit is (On) it means 1 if circuit is (Off) .it means 0....it works on 0 and 1 (Binary Number)

-  Father of Computer **Charles Babbage**
-  First Programmer- **Lady Ada Augusta**
-  First Storage Program concept- **Jon Von Neumann**

History of Computer-:

- First Calculating Machine – **Abacus** was Developed By **China**
- First Mechanical Calculator- **Pascaline** was developed By **Blaise Pascal** in 1642
- Difference Engine was Developed By **Charls Babbage** in 1822
- Analytical Engine was Developed By **Charles Babbage** in 1842

First Computer -:

- First Electromechanical Computer **Mark-1** was developed by **Dr Howard Aiken** in 1937-1944
- First Electronic Digital Computer –ABC (Atnasoff Berry Computer) developed by **Jon Atnsoff and Cilfoerd Berry** in 1939
- First Electronic Computer – ENIAC (Electronic Numerical Integrated and Computer)
- ENIAC was developed by **J.P.Eckert** and **Jon Mauchley** in 1946
- First Stored Program Computer **EDSAC** (Electronic Delay Storage Automatic Computer)
- First Commercial Computer **UNIVAC** (Universal Automatic Computer) in 1954

Generation of Computer-:

<u>Generation</u>	<u>Year</u>	<u>Technology Used</u>	<u>Storage</u>
First	1942-1954	Vacuum Tube	Magnetic Drum
Second	1955-1964	Transistor	Magnetic Core
Third	1965-1975	IC (Integrated Circuit)	Micro Chip
Fourth	1975-1988	VLSI (Very Large Integration)	Semi-Conductor
Fifth	1989 to Present	ULSI (Ultra Large Scale Integration) With AI (Artificial Intelligence)	

Note-:

- **Transistor**-A **transistor** is a semiconductor device used to amplify and switch electronic signals and electrical power. And developed by **John Bardeen, Walter Brattain, and William Shockley in 1947** Transistor is made by silicon-germanium.
- **IC**- IC stands For Integrated Circuit and made by silicon..IC was developed by **J.S.Kilby**



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