## A CHURT A DINIT \$ 2 121 . VISABILITA

## Classification Of Computers

Greneration of Computers:

first Greneration (1942-1953):

Creneration of computer shows the growth of Computer Industry based on Important technological developments. There are five computer Crenerations

Known till aday. The first computer Greneration

is start from (942-1953). In first generation computers uses vaccum tubes and electronic

Switches: A vaccum dube was a glass device and was & very fragile. Due to this vaccum tube

and electronic Switches the first generation

computers were large in Size and requires

lærge rooms for thier Installations. Each vallum tubes consumes half wat of Power Since

each computer uses more than 1000 vaccum

Jubel. Therefor, These consumed large valume

of electricity. These computers were difficult to

Brogram and use and have limited commercial Webs monor (2/V) with a poter this as

Second Generation (1955-1964)

with the Invension of transistary the Selond Greneration Computers were much more Improve than first generation computer. The transistors

were highly reliable, very small in Size and light in weight and consumed very-very dess

electricity. Therefor Second generation Computers were Smaller in Size faster in Performance and Consumed dess electricity than the first generation Computers. The Second generation Computers than first generation Computers were Latimes faster than first generation Computers. They were easier to Brogram and we cand has wider commercial use.

Third Greneration (1964 - 1975) !

The Hird Greneration Computer were more powerful, Smaller in Size and Consumel Jell electricity than second Greneration Computers. The Second Greneration Computers that falter and computer were more reliable has falter and larger Primary and Secondry Storage. In third generation computer tanguages like fordram, (abot, Pascale, Basic high devel Programs were developed and widly used. The third generation computers were much chefer for even smaller companies to buy and effort 94.

Fourth Creneration (1973 - 1984)

With the development of large Scale Integration (1973 - 3000 electronic components) & very large (1973 - 30000 electronic comfonents) & very large ents) a Scale Integration (VLSI 100000 electronic comfonents on St. This fourther reduces 100000 of components on St. This fourther reduces the Size, Jessens the weight and consumtion of electricity. It Imbroves Ist speed and efficiency remarkable. In fourth Jeneration GruI (1980)

Came It also witness operating System Like windows and mac of baled on GruI technology

The Brize of fourth generation computers decrede to Such a devel that even Individual is able to effort still no me distinction

Fifth Creneration £1989 to Persent) 5 => In fifth generation Portable Pc'd (Jakhord) are Started using widly It allows the wer to use is computer even during travelling. In fifth generation more Powerful work Stations, Main Frames were developed In this generation Suler Computer were Started Wing. The hardward in fifth generation Computers are more reliable and require minimum maintainance Cost. They have falter and Jarger Brimary and Secondry Storage More user friendly Interfaces and more Powerful applications make the System more weful for everyone in any occupation. In fifth generation the market is flooded with various types of Computers. Its Rrize ranges from few Housands to Jack and Croves.

Digital Computer: 18. secretais mails 1800 =) Digital computer works on the datest technology. It is modern generation computer It well digital Pulled for transmision and Communication from one computer its another. These digital Pulled are refersented by binary number System using digits Diday Do 112 rest tally I all 100 mills

Analog Computer: 18 11 1111000

=> Analog Computers are used in Specific applications SATYADEEP SRIVASTAVA, DEPT. OF BCA, D.K. COLLEGE, DUMRAON

Wind

where we require continious data. Analog Computer uses continious wave form fore Its It is most often repersented by sine wave forms.

A Micro-Computer: 15 1 1 2 2

= It is the most fundamental and Brimary Calculating device. It is use for simple mathematical calculations. It is widly wed in owr day to day tife by general forton and Shopkeper.

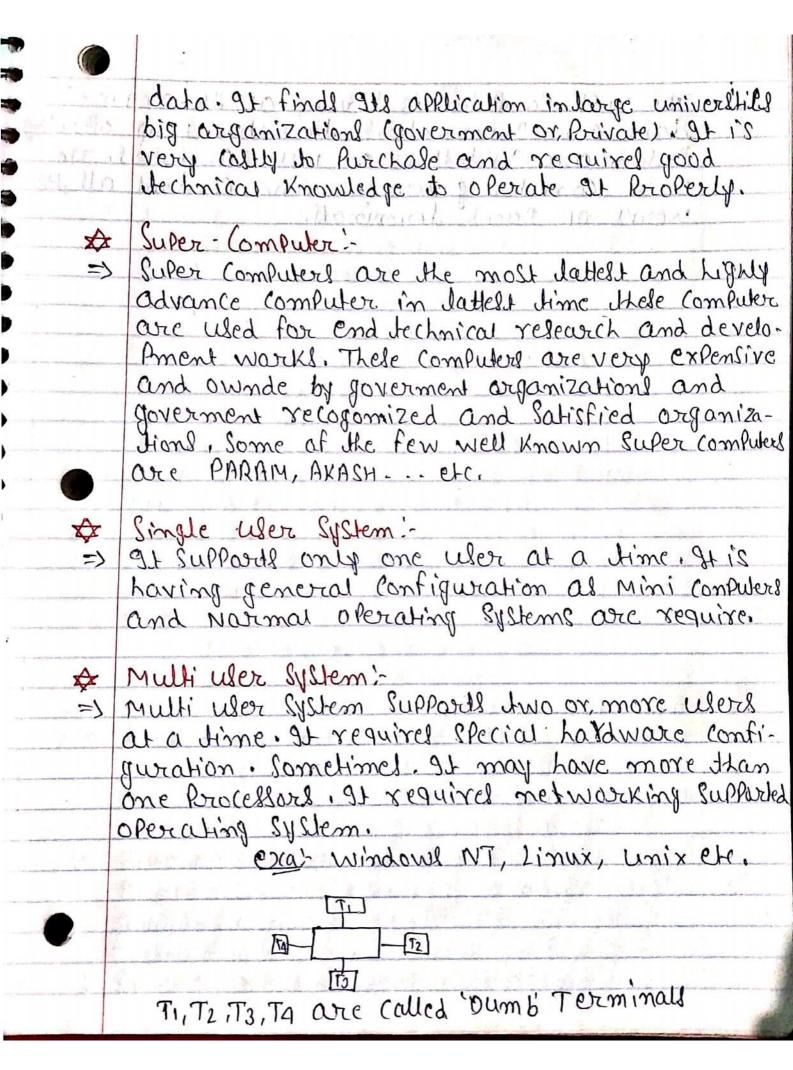
William Day of the corner W. W.

Xt Mini-Computer : Janes Computer :

=) These are the most commonly used computers having generally a single Brocesser. It is having large amount of data storage capacity which ranged from 200 CIB (Griga bise), 500 CIB, 17B CTER bite) -- Ctc. It is having RAM' in the range of 1 CrB, 2 CrB, 3 CrB & and A CrB. It supports Jutles Operating System and having rich graphic support. It is able to execute all the dathest and advanced alllication Software. Ils Prize ranges from 10-15 thousands to so thousands and few lack. while in andormary withing 21 18

\* Mainforame - Computer!

=> These computers are large and very Powerful Computers. These Computers are having huge data Starage Calacity. Powerful Processors one or, more than one are brelent for Ill operations. It o is having powerful 'RAMs'. These computers are use for Recolessing very huge amount of



The HOST Computer is having all the required data and Information the Networking obvioling. Systems are Installed on Hoss' computors. The Hoss' computors all the Works of Dumb terminals. 6 70 mick 2 1 50 19112 14 1012