The Apple Macintosh, introduced in 1984, indeed had a significant impart in sec. computer inclusions and was considered a game-shange for several ressors. when compared to computers of varlin vesors.

\* Elgraphical user Interface (GUI):

The Maitrosh was one of the first computers to infroduce a graphical user interface, which revolutionized how sees interacted with computers

\* WYSIWYA (What You See Is What You got):)

The Marthosh in troduced WYSIWYG

ediding, allowing noers to see on the suren scartly how she printed output would look.

\* (Ease to use:)
The maintach aimed its be usen friendly and accesable to mider audine. It offered features like dray- and - drop efunctionality, pull - down news, and contactual menus.

\* (Mouse Propert 3

The maintach popularized see use of a mouse as a standard input denice. This allowed users to point, which, and interact with geomphical elements on see screen, providing element on the screen, providing a more intuitive and officient may to

\* (All-in-Ore design:)

The manistrash featured an all-inone design, integrating see monitor, beyourd and
computer components into a single unit. The compact
computer components into a single unit. The compact
design made it more accessible and consist for
were compared to earlier systems.

domputers can be classified based on frationality and computing power winto several cotegories. 1. Eduperiorpaters. They are so most super computers pourful able to do massive valulations. Uses: \* Swartific research + weather foreusting \* nucleon simulations + intensive tooks 2 Ellainforme computers: 3 -> pourful computers designed to handle large Applications benking, frame, healthcare data analysis, data storage 3. Ellionocomputus I have moderate computing power, faithing between mainfrares and personal computer

Applications small - scale business applications. # educational institutions + Perous contral 4. (Microcomputers) > They are known as personal computers (PC) -> Perovide a mide erange of computing power departing an le sperific configuration. Applications: + basiness + eduction + enforcement \* research + programing \* gaming. 5. (Worldstations:) -> high- performance computers designed for specialized profesional applications. Applications: + Geosphic design + Video editing \* animation \* editing \* scientific research.

3 Elontrol Unit (cu) 3

The nontral unit manages and nontrates

the additions of the CPV.

\* Et interprets and devoles instructions, determines

the sequence of operations, and control data

flow between different CPU components.

(ALU): 3

> The ALU performs withhetic operations ey. addition, subtraction

) Also logical operations ey. AND, OR, on data.

\* Operates on binary data, manipulating bits and performing valuations based on the instructions provided by the control unit.

Registers: 3

Thy one small, high-speed memory

Journal within the CPC

Locations used for temporary storage within the CPC

> They chold data, instendions and intermediate results during perocessing.

Starke memory:

I dis a small but fast memory lorated within the CPU.

to store broguently arrested date and instructions to reduce. He sime needed to arrest information from the main memory.

A H operates at a ligher speed that see main nemony, helping to improve overall (RO perforamence.