BSSE 23058 Zunaira Abdul Agîz. Sechion A .

Assignment # 1. Information, & Communication Technologies.

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The four types of computers that are designed for use by organizations · Network Servers are specialized computers designed to provide.

various services and resources to other computers of devices within communication and data showing with in an organisation · Mainframe Computers, used by large com enterprices. These handle Complex and critical tacks such as processing large volume of data · Minicomputers, they handle much more input as Gutput them personal computers can. They are There capabilities are somewhere between maningrames and personal computers. · Supercomputers are The most powerful computers. There systems can process finge amounts of acto Mainframe systems may offer in power but lack in flexibility most hem are classed to handle only a specific number of tracks. It is becan trey one larger and have more sprocessing power, so my limiting me mumber of tocks, the system must perform, administrators pereserve as much power as possible for required operations

There one has common designs for destron computers. One cis the more practitional deckhop model features a horizontally oriented cystem. unit, which usually lies plat on the hop of the uses dock. One is the vertically oriented hower models. This design allows the uses to place the system unit ment to on under the desk, if desired.

Q4. The operating cystem soffmans tells he computer enactly how to break up, format, send, receive, and roassemble data using TCIP/IP. The form mayor applications that use TCP/IP one for Web Browsing, Email communications, File transpus, Video conferencing on Application like 200m, Skype etc TCP/IP is fundamental bo moder networking and enables The interconnectedness of devices and services across the glove Us. The two main categories of storage devices are magnetic Storage and. Optical Storage. Magnetic Storage uses magnetized empress to store digital information in devices like hand disks, VCR's storge, relies on he mo of lases to read and write data on Optical discs. like CD's, DVD's etc. The latest technologies keingusal for storage one Solid-State Driver which one popular due to here speed. reliability. NVMe and 30 NAND are being used, most has enabled higher shows densities. - Q6. Node JS is an open-source, sever-side runtime moi ronment that allows develope to run Java Script code on the save. Node TS has changed he paradigm of website development by introducing a highly efficient and scalable approach to building server-cicle applications with Java Script. Nocle Je's is around asynchronous programming model, entensive ecosystem, real-time earals lines. and unified language has made it a popular choice for moder web development. It developes builds web application E particularly those that require high performance and real-time 171 interactivity. D