



Q: What are the main components of a system? A: The main components of a system are hardware, software, and data. Hardware includes the physical devices like computers and servers. Software includes the programs and applications that run on the hardware. Data is the information that is processed and stored by the system.

Q: How do these components interact? A: The hardware, software, and data components interact to perform the system's functions. Hardware provides the physical resources, software provides the instructions, and data provides the information that is processed.

Q: What is the role of the operating system? A: The operating system (OS) is a software program that manages the hardware and software resources of a computer. It provides a platform for other software to run on top of it. The OS handles tasks like file management, memory management, and process management.