13-AUG-23

Network: A network consists of two or more computer or devices that are linked to share nesources within siggle system.

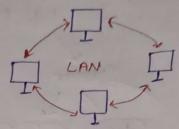
>> Types of Network :

* LAN (Local Arm Network)

· LAN is a group of computers connected to each other in a small area such as building, office, home.

· The data is transferred at an extremely faster In LAN.

· It is less costly and it is used for connecting computers using twisted pairs or coaxial coble, etc.



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* MAN (Metropolitan Area Network)

· MAN is a network that coveres a larger geographic area by interconnecting different networks.

· In MAN, various LAN's are connected to each other thorough telephone exchange dine.

· It has higher orange than LAN and it is used to connect citizens and polivate industries.

* WAN (Wide Area Network)

· WAN is a network that extends over a large geographical area such as countries.

· A WAN is quite bigger network than LAN.

. The internet is one of the biggest WAN in the world and also used for businesses.



MAN

The internet is a global network of billions of computers and other electronic devices. With the internet, it is passible to access almost any information, communicate anyone else unthe world and do much more.

The (www) World Wide Web usually called the web for short and it is a collection of different websites we can access through the internet.

An IP Address represent a unique address that distinguish any device on the internet or any network from another. It is an identifier that enable our device to send or secreive data packets across the internet.

An ip address is sepsiesented by a series of numbers segmented by period (-).

They are expressed in the form of four pairs for example: 255.255.255.255.255.

+ What is browser? PAUE: 03 A browser is a took that is used to explore, setsieve and display the information available on the World Wide Web. This information may be in form of pictures, web pages, docs, etc. + what is browser engine? A browser engine is a core software component of every notor web browser. The brimary job of browser engine is to transform Hond documents and other resources of a web page into an interactive visual representation. snigner rescuored et? bus reseword ~ * Google - Blink Engine * Safari - Webkit * opera - Blink * Mz. Firefox - Buantum > Client Server Model -The client server model describes the communications between two comparing entities over a network. Clients are the ones steguesting a stesswice as service and servers are the ones praiding that resources. get post put delete · Client : A Client is a program that sums on the local reachine SERVER orequesting service from the CLIENT RESPONSE gener, for example, laptop, pc, app, browser, etc. · Server: A server is a program that runs on the remote machine praiding services to the clients. For example DB server, file server, appserver, web server, email server, etc. > What is DNS? · DNS stands for Domain Name System · DNS is required for the functioning of the internet. It also converts domain name into it address for fetching response. SDNR: Dorrain Name? Resolution) Sower User prompt (was facebook com) So, basically used trequest a prompt via client and affectivat DNR fetches address of that farticular frompt then after finding the address finally sever is Bending back response to the client where user is already present.