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BCA – Part III
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Internet and Internet services

The Internet is a global network that connects millions of computers all over the world. It is a network of networks. It link different organizations, academic institutions ,government offices and home users to share information among a large group of users .

Each computer in the internet is called a host. To connect into the internet user has to get a access id and password from any internet service provider.

Internet is the next step of ARPANET. Advance research project agency of US was developed a network system to interconnect computers so, that the user in the research organization and universities could communicate with each other and share information.

In the later days, by the development of WWW. By W3C , internet got the popularity to connect millions of computer together to share information in 90s decade. To make the internet popular , there are several facilities and services attached to internet. At present, Billions of computer ,

organization and institutions are connected together to share information. Internet, now is the backbone of business world market and finance as well as research and development.

Internet is managed by multiple societies who provide a unique identification number to the internet user and solve the technical problem through specific group i.e internet society and internet Engineering task forces . Internet Architectural board is an organization in internet governing body who decide the structural arrangement of node and host in the internet.

Internet service provide :- ISP is an organization that got authenticity to generate internet access point and provide to user to connect themselves with the internet to share the information. ISP provide Access point with a fixed digital signature with password (user id and Password) . there are so many ISP distributed globally and nationally by the a user can purchase access point. Such as MTNL,BSNL etc in india, American online , satyam web etc.

Applications of internet :- now a days internet is the part of our daily life . most of the work, facility , utility is performed through internet application. The common application area may be broadly categorized as :

1. In Business and E-commerce ->
 - a. Business to Business (B2B)
 - b. Business to Customer(B2C)
 - c. Customer to Customer(C2C)
 - d. Customer to Business (C2B)
2. In Education
 - a. Online education
 - b. Online library
 - c. Online publication
 - d. Online research
3. Communication
 - a. Audio Calling
 - b. Video Calling
 - c. Conferencing
 - d. Webnair
 - e. Online meeting ,chatting and other services
4. Entertainment
 - a. Online audio and video library , and playing
 - b. Video gaming industries
 - c. Cine media or movie industries
 - d. Advertise and promotion industries or documentary
5. Government Agencies
 - a. Work
 - b. Monitory
 - c. Administrating

- d. Controlling
- e. Planning etc

Browsing the internet :- As we know that internet is the vast source of information having tons of information. From the internet a particular information query ,search and retrieval process is known as browsing the internet. For browsing the internet , an application software is used known as web browser . browser provide facility to search the information on the internet and retrieve the address of the content site.

There are so many web browser in the market and most are Internet explorer , google chrome, opera, netscape navigator etc.

URL address :- one the browser search the information on the internet, it generate a address that direct link with content information available on the different site on the internet. These linked address is known as URL (uniform resource locator). URL contain the information of

Protocol used (HTTP, WWW)

IP address of the content site

Folder address of the content site

Pageaddress that contain the information

It looks like as <http://www.Abc.com/cde/fpd.html> or php or other extension.

Search Engine :- Search Engine is the supporting tools on the browser that are responsible to create the criteria to search the information on the internet and locate the information there. If the information found ,they are responsible to generate the URL address and submitted to the browser to display on their window. So, that user can access the paged information. Search engine generally the part of the web browser. We use certain symbol to create the criteria that used by the search engine these symbols are

“ “ – double quote

And ,or, not operator

+ and - → used to search the website in which all the words are included

% and * → to match case of the word used in the search engine

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Generally , web browser create the criteria when provide the information. Like google perform.

Some important search engine are → google search, yahoo search, etc.

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