Web Design using Dreamweaver

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Fundamentals of Web and Dreamweaver

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INTERNET :

The Internet is the tool or the resource that is being used by almost every person across the globe.

It connects millions of computers, webpages, websites, and servers. Using the internet we can send emails, photos, videos, and messages.

Internet is a interconnected network of computers and electronic devices creates a communication medium to share and get information online.

- Internet provides a variety of information and communication facilities, consisting of interconnected networks using standardized communication protocols.
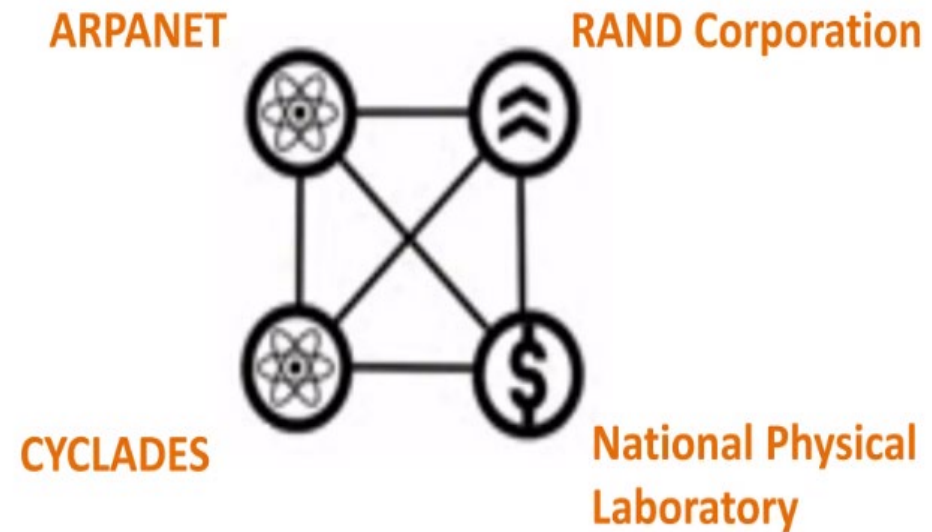
INTERNET :

Global network of computers linked together by high speed data lines and wireless system

Early foundations of the Internet

Four nodes that significantly contributed to the development of the early Internet:

1. ARPAnet (Advanced Research Projects Agency Network)

- *Origins*

– United States Department of Defense's.

– It was originally designed for military and research purposes, allowing for communication and resource sharing among various research institutions.

– 1960s and early 1970s:

– ARPA-funded research organizations

– ARPAnet was simple *text based communication* through email (DARPA-1972 - early development of computer networking and the internet.)

2. RAND Corporation:
A research organization that contributed crucial ideas, particularly the packet-switching concept that became fundamental in Internet communication.

3. National Physical Laboratory (NPL):
Located in the UK, NPL was significant in developing networking concepts. packet-switching technology

4. CYCLADES:
A French research network that greatly influenced networking architecture. influencing TCP/IP protocols became foundational for the Internet.

Various other network was developed like BITNET and CSNET

– BITNET (Because It's Time Network) in New York

– CSNET (Computer Science Network) – Delware university etc.

BITnet, CSnet developed in late 1970s & early 1980s

email and file transfer for other institutions

- network for text-based communication.

- It interconnected with ARPANET, helping to bridge different networking communities.

– NSFnet - 1986 (National Science Foundation)

- Originally for non-DOD funded places - cybersecurity measures, encryption standards.

- Initially connected five universities supercomputers

- By 1990, it had replaced ARPAnet for non-military uses

- significantly increasing bandwidth and speed, TCP/IP protocols.

- Soon became the network for all (by the early 1990s)

- NSFnet eventually became known as the Internet

THANK YOU

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