# What is Internet?

The Internet, sometimes called simply "the Net," is a worldwide system of computer networks -- a network of networks in which users at any one computer can, if they have permission, get information from any other computer (and sometimes talk directly to users at other computers).

# Characteristics of Internet:

* + - It offers information 24 hours a day, and it can be accessed as long as there is a connection.
    - It is public by nature.
    - It doesn't belong to any entity, and it's universal and decentralized, so there are no control points at the hierarchical level.

# Applications of Internet:

* + - * Searching and browsing information archives.
      * Copying files between computers.
      * Conducting financial transactions.
      * Navigating (in your car, smart scooter, smart bike, or other)
      * Playing interactive games.
      * Video and music streaming.

# What is WWW?

The **World Wide Web** is abbreviated as WWW and is commonly known as the web. The WWW was initiated by CERN (European library for Nuclear Research) in 1989. WWW can be defined as the collection of different websites around the world, containing different information shared via local servers(or computers).

# Working of WWW:

The World Wide Web is based on several different technologies: Web browsers, Hypertext Markup Language (HTML) and Hypertext Transfer Protocol (HTTP). A Web browser is used to access web pages. Web browsers can be defined as programs which display text, data, pictures, animation and video on the Internet.

# Features of WWW:

* HyperText Information System
* Cross-Platform
* Distributed
* Open Standards and Open Source
* Uses Web Browsers to provide a single interface for many services
* Dynamic, Interactive and Evolving.
* “Web 2.0”

Components of the Web:

There are 3 components of the web: 

1. **Uniform Resource Locator (URL):**

serves as a system for resources on the web.

1. **HyperText Transfer Protocol (HTTP):**

 specifies communication of browser and server.

1. **Hyper Text Markup Language (HTML):**

 defines the structure, organisation and content of a webpage.