1.2.3 Internet Principle of operations.

Browser: A web browser is a software application for retrieving, presenting and reading about information resources on world wide web. Protocol used by the browser is www that means to show information in pages format.

Internet Service Providers (ISP):
An ISP is a company that provides individuals and other companies access to the Internet and other related services such as website building and hosting.

Hypertext transfer protocol (http):
The http is an application protocol for distributed, collaborated and hyper (click and go) media information systems. HTTP is the foundation of data communication for World Wide web. Hypertext is structured text that uses Links (hyperlinks) between websites.

Hypertext Markup Language (HTML):

HTML is the standard markup language for creating web pages and web applications. Web browsers receive HTML documents from a web server or from local storage and show them into multimedia web pages.
HTML describes the structure logically and appearance of the document.

HTML Presentation and Structure:

Structure consists of the mandatory parts of an HTML document plus the logical and structured markup of its contents.
Presentation is about the way a web page (document) looks, but it can also affect how a document sounds or seen; i.e. It can also show multimedia.

Internet Protocol (IP) address:

Over the Internet an IP address is the identifier assigned to each computer and other devices (e.g., printer, router, cell phone etc.) connected to Internet. IP address is used to locate and identify the device in communications with other devices on the Internet.

It is a combination of four (4) bytes; such as 97.25.110.9. Each byte can represent from zero(0) to 255 number and completely it can represent as many as 4.92 Billion Internet enabled devices.

UNIFORM RESOURCE LOCATOR (URL):

It is a complete address to locate a resource on the web. For example http://www.cie.org.uk/ComputerScience/ol/2017-syllabus

Protocol   Location   Resource

Without http:// we can't show URL.