

2020BTECS00205

@itrakathi

To distinguish client-server architecture  
Internet, www, web browser and  
web server.

Problem Statement 1:

Study and distinguish the following concept in your words:

1. Client-server architecture, Internet and world wide web.

1) client-server architecture - Client server architecture is computing model in which the server hosts, delivers and manages most of the resources and services to be consumed by the client.

2) Internet - The Internet is vast network that connects computers all over the world.

3) World wide web - It is interconnected system of public webpages accessible through the internet.



2. Web Browser - A web browser is used to access and view websites. Eg. Google Chrome, Mozilla Firefox etc. When user request for web page from website the web browser retrieve the necessary content from web server.

Web server - A web server is computer software and hardware that accepts requests via HTTP. the network protocol created to distribute web pages.

Problem statement 2:

- 1) ~~Stu~~ Hypertext - Hypertext is text displayed on computer with references to other text that the reader can immediately access.
- 2) Hyperlink - Hyperlink is link is reference to data that user can follow clicking. Several documents are connected with links.
- 3) HTTP - Hypertext transfer protocol is the protocol used to transfer data over the web. It is part of internet protocol suite and defines commands and services used for transmitting webpage data.
- 4) HTTP status codes with meaning - HTTP status codes are :-

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- 1) Informational responses (100-199) - An informational response indicates that the request was received and understood.
- 2) Successful responses (200-299) - The request was successfully received, understood and accepted.
- 3) Redirects (300-399) - This class of status code indicates the client must take additional action to complete the request.
- 4) client errors (400-499) - The request contains bad syntax or cannot be fulfilled.

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@itrakethi