Practical No. 2

2018BTECS00019

Problem statement 1

1. Client Server architecture

It is computing model in which server hosts delivers and manages most of resources and services to be consumed by client. It has one or more client computers connected to central Server over a network or internet connection

2. World wide web

WWW project has the potential to do for the Internet what GUI have done for personal computers make the net useful for end users. Web provides consistency server provides information in a consistent way and clients information in consistent way To adda further thread of consistency many users view the web through graphical browsers. The principle feature of web is its link between one document and another these links allow to move from one document to abother

3. Internet

The internet is worlds largest

interconnected computer network. Computers on the Internet communicate using the Internet Protocol and TCP you identify individual computers by their IP address you can refer to a computer by it's name If you can send network packets to one computer you can send network packets to any computers on Internet

PL 3

2.

web browser	web server
1) web browser is an application program that displays a world wide web document it usually uses the internet service to access the document	1) web server is a program or the computer that provides services to other program -s called client
2) The web browser requests the server for the web docume -nt and services	2) The web server accepts approve and respond to the request made by the web brows er
3) The web browser act as an interface betwee -n the server and client and displays a web doc ument to the client	3) The web server is a software or a system which maintain the web applications gener ate response and accept client data
4) Dosen't existany proce ssing model for the web browser	4) There exist three types of processing models for web

server i.e. process based Thread based and hybrid

5) Web browser sends an HTTP request and gets HTTP response

5) The web server gets HTTP request and send HTTP responses

6) ~~The~~ web browser stores the cookies for different websites

6) Web servers provide an area to store and organize the pages of website

7) The web browser is installed on the client computer

7) The web server can be a remote machine placed at the other side of your network or even on the other end of globe or it is your very own personal computer at home

Problem Statement 2

1. Hypertext:

Hypertext provides the links between different documents and different document types. In a hyper

text document links from one place to another are included with the text. By using selecting a link you are able to jump directly immediately to another part of the document or even to a different document In the WWW links can go not only from one document to another but from one computer to another

2. Hyperlink:
A link from hypertext document to another location activated by clicking a highlighted word or image

3. HTTP
When you use a WWW client it communicates with WWW server using HTTP when you select a WWW link the following things happen
1. client looks up the hostname and makes a connect with WWW server
2. HTTP software on the server responds to clients request
3. Client and server close the connection

4. 100 Continue
101 Switching Protocol
102 processing

103 Early hints 200 ok
201 Created 202 accepted
203 Non-Authoritative information
204 no content
205 Reset content
206 partial content
300 Multiple choice
301 Moved permanently
302 Found 303 see other
304 not modified
305 Use proxy 306 unused
307 Temporary redirect
308 permanent redirect
400 Bad Request
401 Unauthorized
402 Payment requide
403 Forbidden 404 Not found
405 Method Not allowed
406 Not acceptable
407 proxy Authentication required
408 Request Timeout
409 conflict 410 gone
500 Internal server error
501 Not implemented
502 Bad Gateway
503 Service unavailable
504 Gateway Timeout
505 HTTP version Not Supported