NAME : KRUNAL RANK Rou No: U18(0081 CLASS: B TECH 3 RD YEAR, COMPUTER ENGINEERING

	Date
	Computer Networks
	Tutorial 10
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Ansl	Damain Name System is a Hill a 1 10 11
	Domain Name System is a Host name to IP address translation Service. DNS is a distributed database implemented in a hierarchy of name services of name services of some services of the services of name services of the servi
	100000000000000000000000000000000000000
	message exchange between clients and servers.
1000	Requirement:
	Every host is identified by an IP address but remembering
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	Also, IP addresses are not static therefore a mapping is
15	regimed to change the domain name to IP addresses.
k 11.	Also, IP addresses are not static therefore a mapping is regard to change the domain name to IP addresses. So DNS is used to convert the domain name of the cubsites to their numerical IP address.
-	WESSITES TO THEY NUMERICAL IT address.
	Types of Domain:
2 0	Crenesie domain: . com, edu, org are some generic domains.
•	Creneric domain: .com, edu, org are some generic domains. É Country domain: .Uk, .in, .us Inverse domain (l' to domain Mapping)
9	Inverse domain (It to domain mapping)
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ns 2 25	HTTP stands for those Tent Transfer Protocol. It is invented
1	HTTP Stands for Hyper Tent Transfer Protocol. It is invented by Tim Berner. Hyper Tent is a type of tent coded by ome specially coded language called Hyper Tent Markup anguage (HTML).
	one specially coded language called Hyper Tent Markup
	anguage (HTML).
30	HTTP provides a standard way for communication etween web browser and a web server. It is a set of rules for transferring data from one computer to another
D	l vales for dear fracion data from and consiste I
	The four flowing come point one comported to another

Pata such as tent, images and other multimedia files are shared on the World Wide Web. Whenever a web wer opens their web brouser, user will indirectly use HTTP. It is an application protocol what is used for distributed, collaborative, hypermedia information systems. HTTP is an IP based communication protocol which is well to deliver data from sever to client or vice-versa Memory wage and CPV wage are low due to less similar Since there are few TCP connections hence network Since mere are in congestion is less.

Since handshaking is done at initial connection stage, the latency is reduced because there is no further need of handshaking for further reguests.

HTTP allows HTTP pipelining of regrests. Ans 3: The World Wide Web abbrieviated as WWW and commonly known as the Web, was inhated by CERN in 1989 The WWW is based on the working of some several different technologies namely, web browsers, HTML, HTTP.

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•	Modes of Operation: Default Mode: It there is no made invoked, then, this made is used. Echoing is performed by client.
•	Character Mode: Each character typed in this mode,
•10	Line Mode: Client will send whole line to the perver.
Ams Signal	file Transfer Protocol is an application layer protocol which moves files between local and remote systems It was on top of TCP, like HTTP. To transfer a file 2 TCP connections are needed and used in parallel, the control and data connection
20	for sending information like user identification, passivore commands to change the remote directory, commands to letnieve and stone files, et, FTP makes use of control connection on port 21.
25	For sending actual file, FTP makes use of data connection on port 20.
	Liber an FTP session is started between a client and server the client initiates a control TCP connection with
	the source pide. The client sends control information over this.
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