

3. It prevents the loss of data and avoid over running of receive suffers.

4. Examples: - Stop and wait Protocol and Gliding Window Protocol. \* Define socket? regulain with suitable example the connection between client and server with the help of socket? Sockets allow communication between two different processes on the same or different machines. To be more precise, its a way to talk to other computers using standard Urix file descriptors. In Urix, every I/O action is done by voriting or reading a file descriptor. To a programmer, a socket looks and behaves much like a low-level file descriptor. This is because commands such as read () and write () work with sockets in the same way they do with files and pipes. The entire process can be broken down into following steps:-TCP Server -1. using cruste (), breate TCP socket. 2. using bind (), Bind the socket to server address. 3. using listen (), put the server socket in a passive mode, where it woits for the client to approach the server to make a connection.

4. using accept (), At this point, connection is established between client and server, and they are ready to transfer data.

5. yo back to step 3.

	CIASSMATE  Gate: Page:
	TCP Dient -
	1 Breate TCP respet
	1. Ireste TCP socket. 2. Connect newly created client socket to server.
	lompilation - Server side:
	Sorius sidi:
	gce server. c - o server
1	JCC Server. C - o server / server
	llient side:
	llient side:  gcc dient, c - o client  !/dient
	:/ dient
	Butput-
	Server side:
	Sacket successfully crested.
	Socket successfully binded.  Server listening.
)	Server listening.
	server accept the client From client: hi
	From client: hi
	Jo client: hello
	From client: hello From client: exit To client: exit
	Server Exit
	Derver vxv
	Client side:
	Socket successfully crested.
	Client side:  Socket successfully created  connected to the server.  Inter Kenner the string: hi
	Enter General the string: hi

