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Course - MCA

Roll no. - 2001161

Subject - Computer Networks

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Q1

There is an organization A with multiple departments. Design a network for the HR department and the size of the department is 10 users. Also, show the conn. b/w user no. 1 & user no. 5 of the network.

Ans

Objective - To connect 10 PCs/users together.

Description -

Step 01 - Open Packet Tracer and go the bottom left side of packet tracer window and then click on END devices and select icon of PC then drag and drop 10 PCs.

Step 02 - Again go to the corner & click on ~~connections~~ Network Devices and then add 2950-24 switch at the centre of 10 PCs

Step 03 - Go to the corner & click on connections & then join each PC to the switch and click on Fast Ethernet 0 option always.

Step 04 - Now configure the IP addresses of all PCs.

Click on PC a window will appear click on Config and then Fast Ethernet 0. Set the IP add res.

Step 05- To check the connection b/w User 01 & User 05
Click on PC₀ and go to Desktop tab. Select Command
prompt. Type

ping <IP address of PC₄>

If success it will return information about transmission.





