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Course - MCA

Section - B

Roll no : 2001035

Subject name : Computer network practicals

Subject code : TMC-203

Ans 1) Problem statement : 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 communication b/w user number 1 and user 5 of the network.

Objective : To create a LAN within an organization using PCs, ~~router~~ and switch, and some connection cables

Description : ① Switches → It is a device in a computer network that connects other devices together. Multiple data cables are plugged into switch to enable communication b/w different network devices.

② LAN → It is a local area network that interconnects computers within a limited area such as a residence, college, etc.

Anupam



Step 1  $\Rightarrow$  Create a network design using 10 PCs and 1 Switch as a connector.

Step 2  $\Rightarrow$  Give IP to PCs by going to ipconfig option.

Step 3  $\Rightarrow$  ~~add~~ Using ping command in command prompt,

- show the connection between PC 0 and PC 4.

Anuj









