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Course – MCA 2B

Std code – 20711096

Subject – Computer Networks.

TMC 203

One① Problem statement : Design a network for the HR department and the size of the department is 10 user.

Objective :– Established the network b/w 10 user & communicate the network b/w user no 1 & user no. 5.

Description :– Step for practical & paste snapshot of network design & configuration.

Step 1> Take switch us a HR department.

Step② Now take 10 computer us a 10 department users.

Step③ Assign different IP address to all user users.
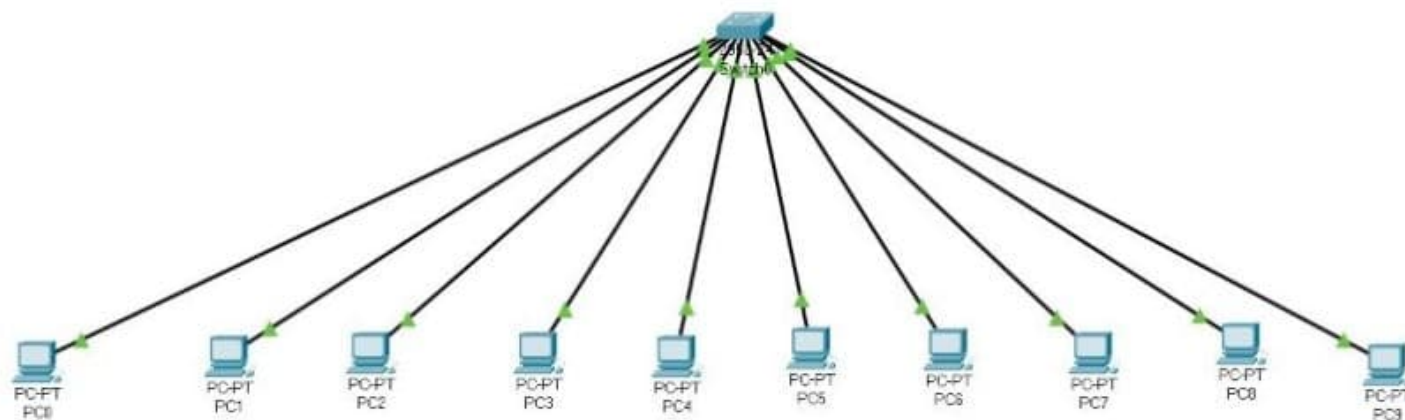
Step④ Now use cable & connect each user to the hub.

Step⑤ Now own network finally establised.

Step⑥ To check the Communication b/w user 1 & user number 5 we use ping communication.

File   Edit   Options   View   Tools   Extensions   Window   Help

.Logical   Physical   x: 1261, y: 75   [Root]   04:10:00

Switch

PC-PT
PC0

PC-PT
PC1

PC-PT
PC2

PC-PT
PC3

PC-PT
PC4

PC-PT
PC5

PC-PT
PC6

PC-PT
PC7

PC-PT
PC8

PC-PT
PC9

Time: 00:08:24   Realtime   Simulation

Scenario 0

Fire   Last Status   Source   Destination   Type   Color   Time(sec)   Periodic   Num   Edit   Delete

New   Delete

Toggle PDU List Window

Copper Straight-Through

Type here to search   ENG   09:52   22-06-2021

PC0

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.5

Pinging 192.168.1.5 with 32 bytes of data:

Reply from 192.168.1.5: bytes=32 time=24ms TTL=128
Reply from 192.168.1.5: bytes=32 time<1ms TTL=128
Reply from 192.168.1.5: bytes=32 time=1ms TTL=128
Reply from 192.168.1.5: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 24ms, Average = 6ms

C:\>
```