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Subject name → Computer network

Subject code → TMC - 203

Q1 Problem statement → connecting 10 PCs and showing network between them and connection between 1st and 5th PC.

Objective: To understand how to create a LAN using switch in packet tracer.

Description: Network A computer network is a group of computer that use a common communication protocols over digital interconnection.

Step 1: Drag and drop 10 PCs from End Devices and one 2960-24 switch from switches.

Step 2: Now connect all PCs with switch using 'Straight Cable'.

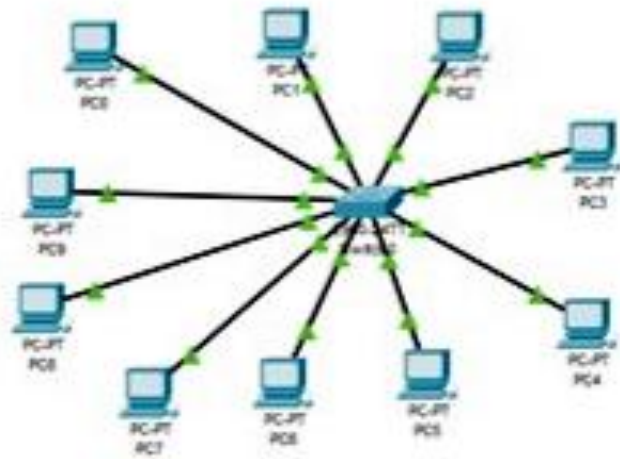
Network created.

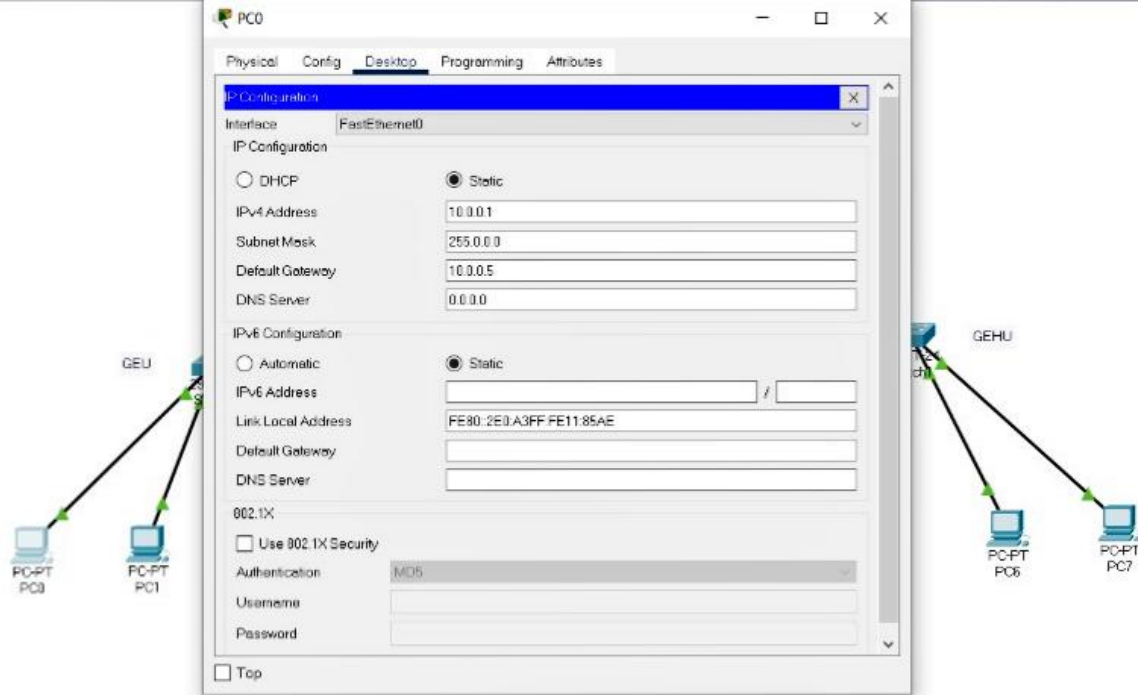
Step 3: Click 1st PC go to Desktop open IP configuration.

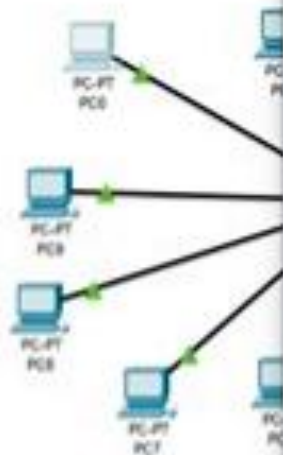
Step 4: write IP address and click on 'submit mask'.

Step 5: Continue step 3 to step 4 to get all IP address for all PCs. IP address created.

Step 6: Click on 1st PC go to desktop then click on Command Prompt then write Command 'ping 192.168.1.5' to connection between 1st & 5th PCs
connection is showed.







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=0ms TTL=128

Reply from 192.168.1.5: bytes=32 time=0ms TTL=128

Reply from 192.168.1.5: bytes=32 time=0ms TTL=128

Reply from 192.168.1.5: bytes=32 time=0ms 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 = 0ms, Average = 0ms

C:\>