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Course: MCA-2A Roll No: 2001016

Q.1 Problem Stmt: Design a network for the HR department and size of department is 10 users  
Objective: To understand how to make a network and connect 2 PCs in that  
Description: Here we create Packet Tracer.

Step 1: First take a switch

Step 2: Then take a router

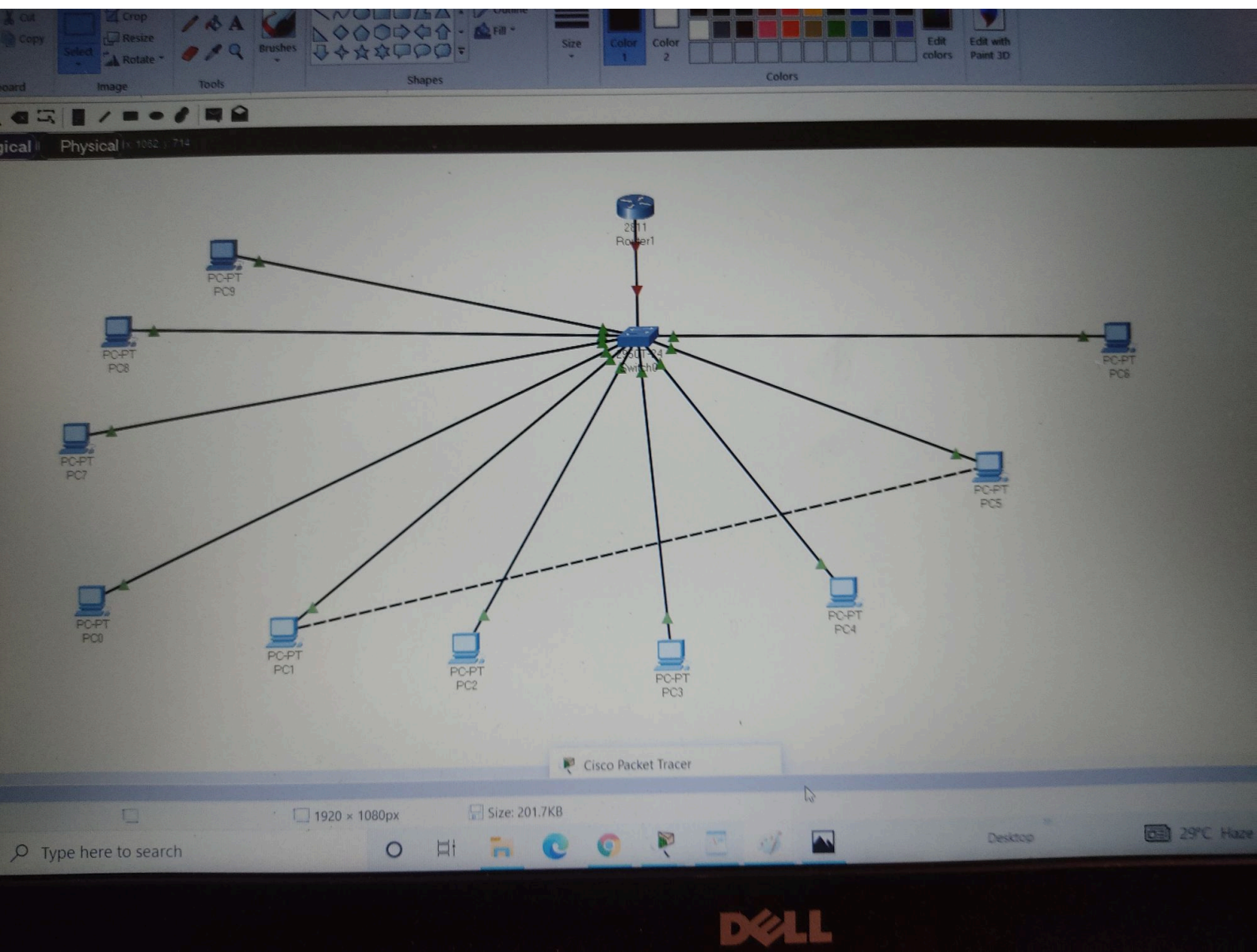
Step 3: then take 10 PCs

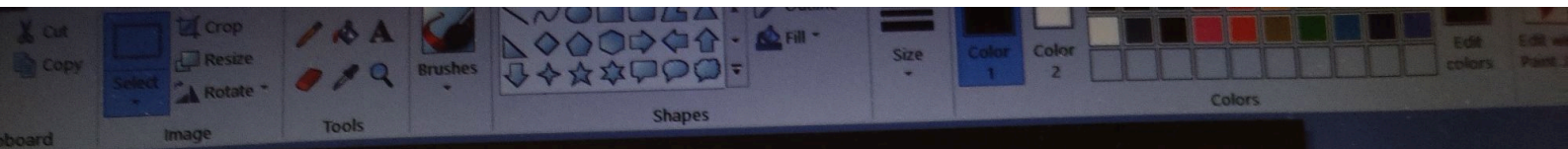
Step 4: then connect all the devices with straight wire

Step 5: then connect PC-1 and PC-5 with wire and give IP address

Step 6: then check the connection.







PC1

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.168.1.1

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address

Link Local Address FE80::2E0:F9FF:FEAE:87C

Default Gateway

DNS Server

802.1X

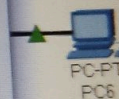
☐ Use 802.1X Security

Authentication MD5

Username

Password

☐ Top





Realtime

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC1	PC5	ICMP		0.000	N	0	(edit)	(delete)



Desktop

29°C Haze

DELL