

DATA COMMUNICATION AND NETWORKING PRACTICAL -CAP 276

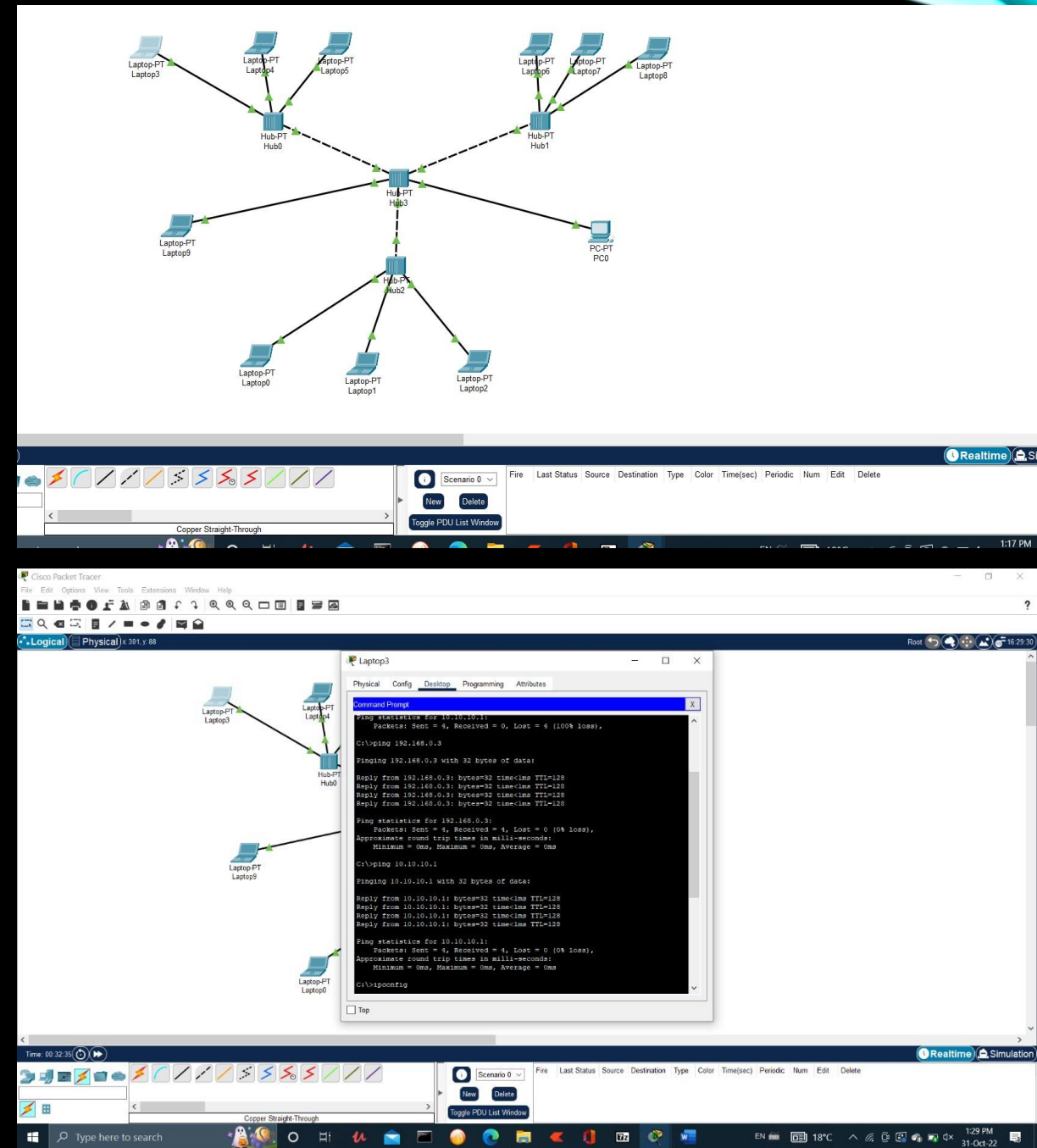
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Q1.TREE TOPOLOGY

Step 1: First, open the Cisco packet tracer desktop and select the devices given below:

Step 2: Configure the PCs (hosts) with IPv4 address and Subnet Mask according to the IP addressing table given above.

Step 3: Verify the connection by ping command.



- **Q2.Hybrid topology using ring and tree topology.**

- **Step 1:** First, open the cisco packet tracer desktop and select the devices

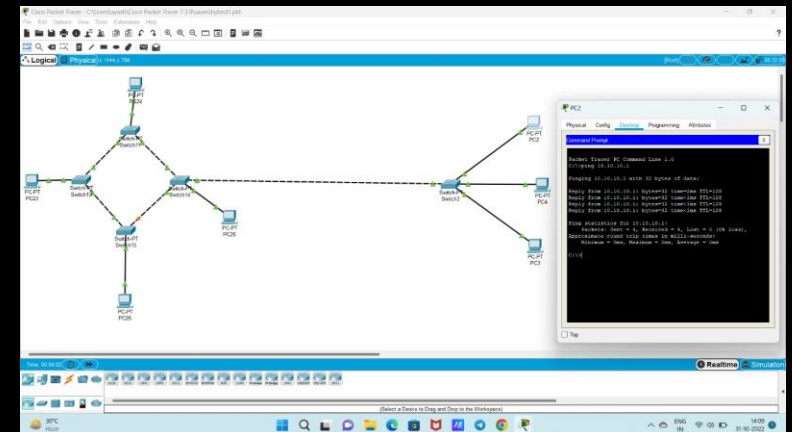
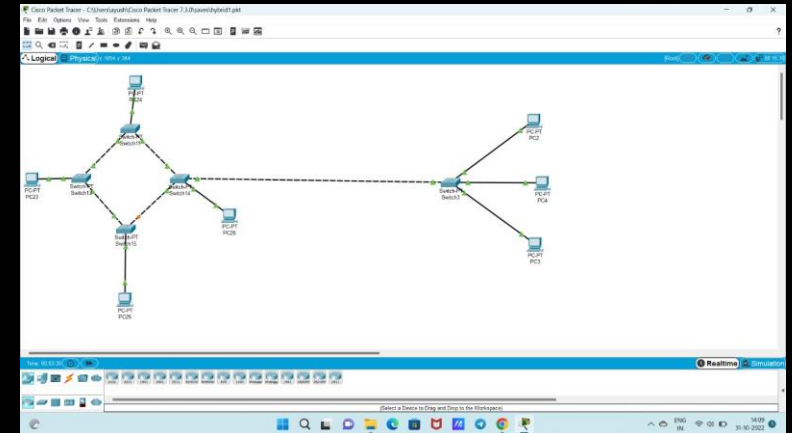
- **Step 2:** Configure the PCs (hosts) with IPv4 address and Subnet Mask according to the IP addressing table given above.

- **Step 3:** Verify the connection by ping command.

- Use the ping command to verify the connection.

- We will check, if we are getting any replies or not.

- As we can see here getting replies from a targeted node on both PCs. Hence the connection is verified.



Q3. MESH TOPOLOGY

Step 1: First, open the Cisco packet tracer desktop and select the devices given below

Step 2: Configure the PCs with IPv4 address and Subnet Mask according to the IP addressing table given below.

Step 3: Verify the connection by ping command.

