

EXPERIMENT NO—2.3::TOPLOGIES:

Aim :

Configuration of topologies using packet tracer

(bus,star ,ring, mesh,tree,hybrid)

Software/Apparatus required:

Packet Tracer/End devices, bridge, connectors

Procedure:

Steps for building topology:

Step 1: Start Packet Tracer

Step 2: Choosing Devices and Connections

Step 3: Building the Topology – Adding Hosts

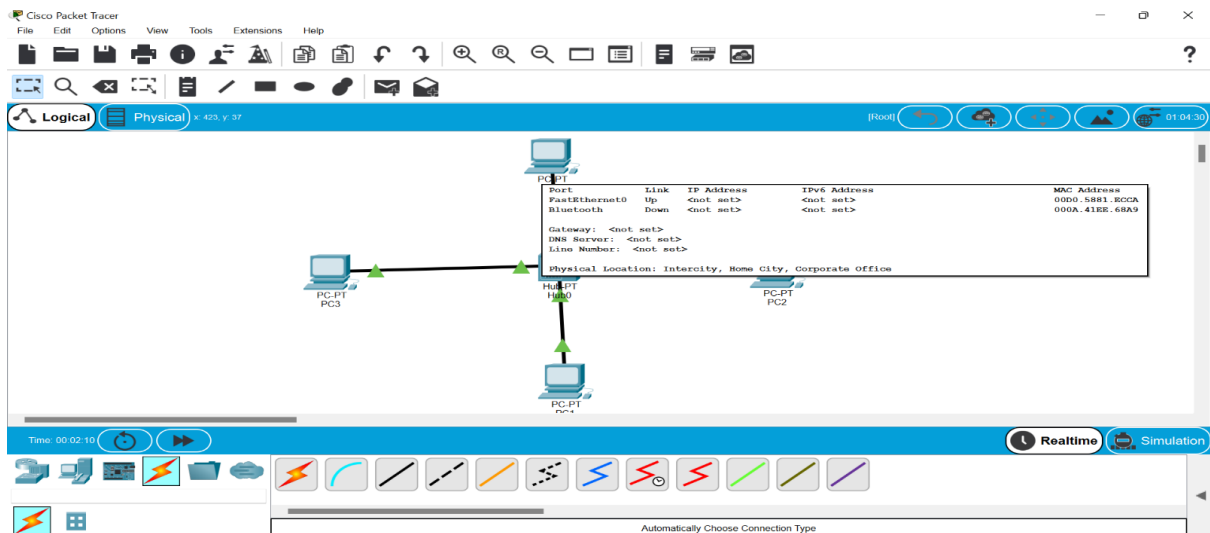
Step 4: Building the Topology – Connecting the Hosts to Switches

Step 5: Connect PCs to switch by first choosing Connections

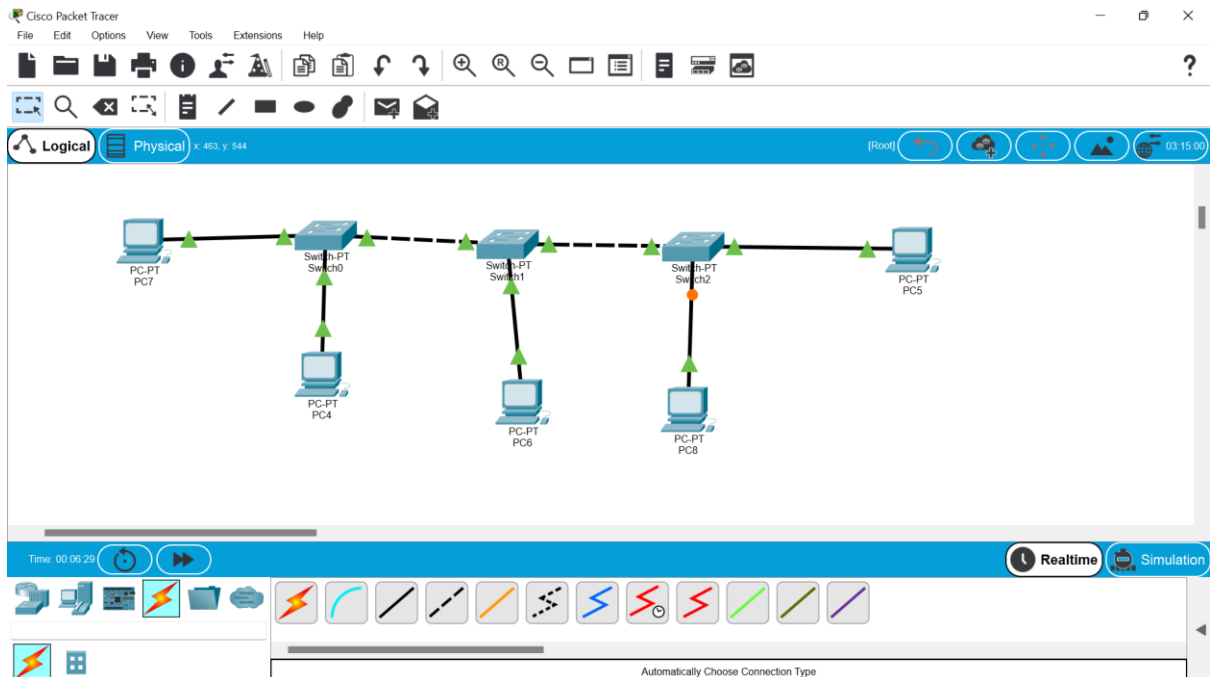
Step 6: Configuring IP Addresses and Subnet Masks on the Hosts

Step 7: To confirm Data transfer between the devices

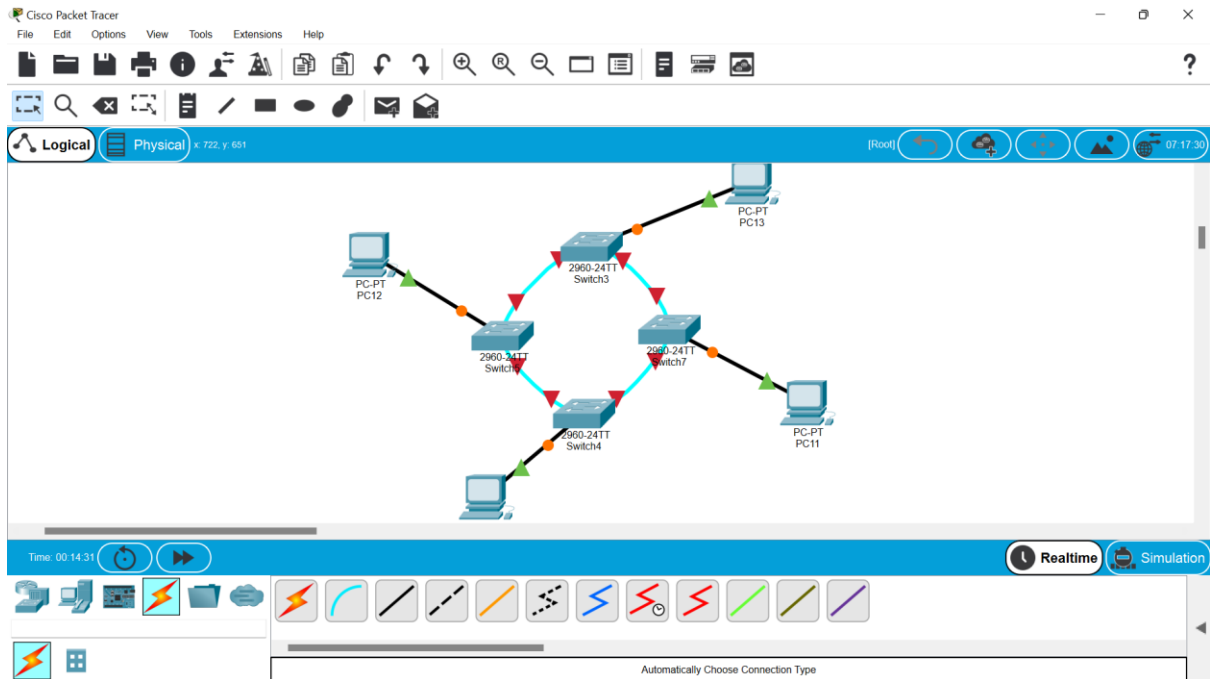
STAR TOPOLOGY:



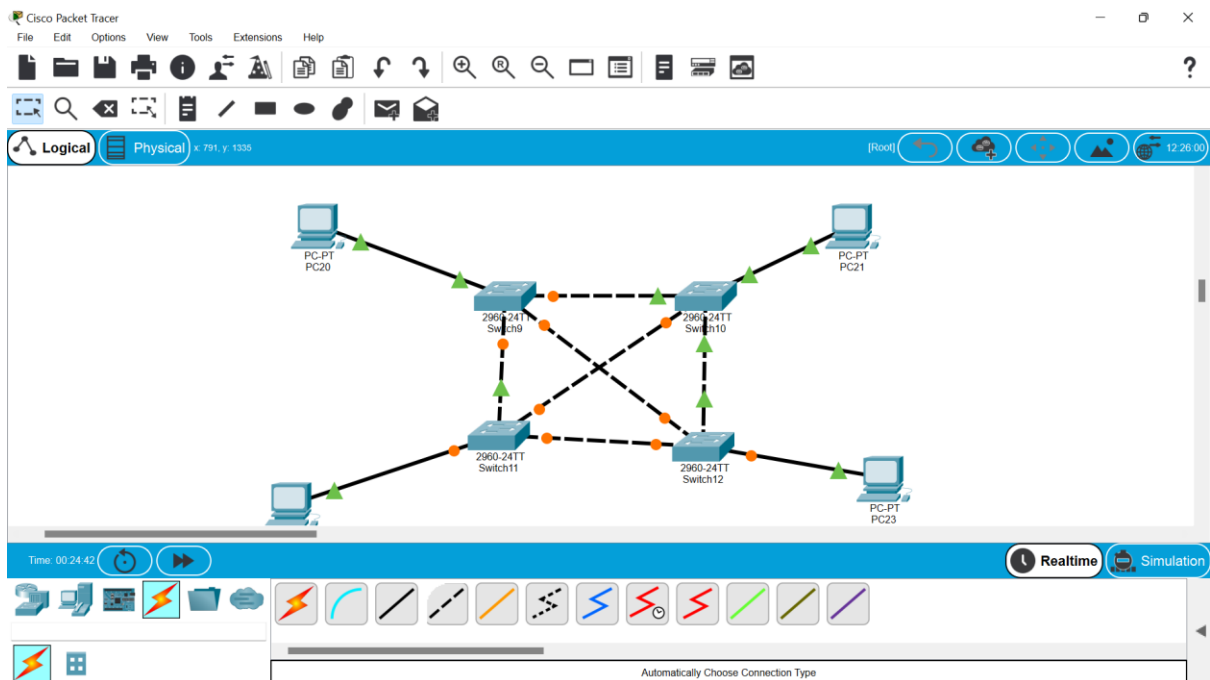
BUS TOPOLOGY:



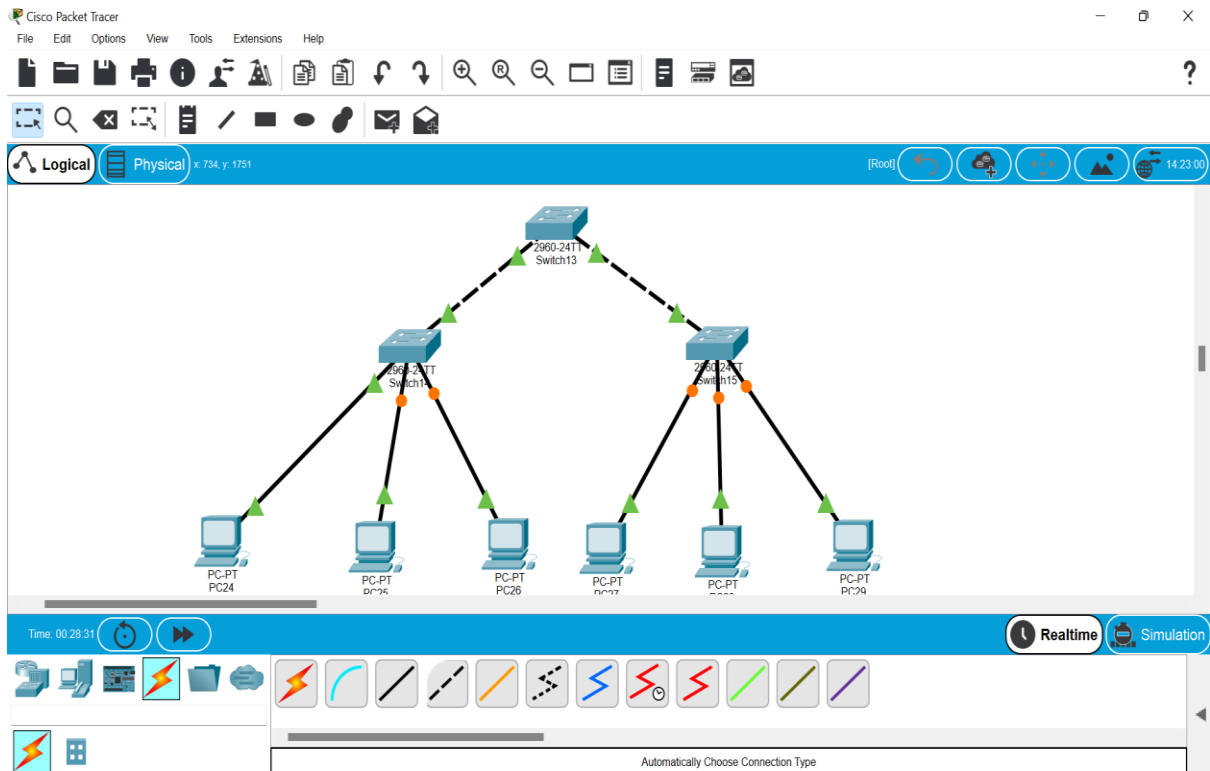
RING TOPOLOGY:



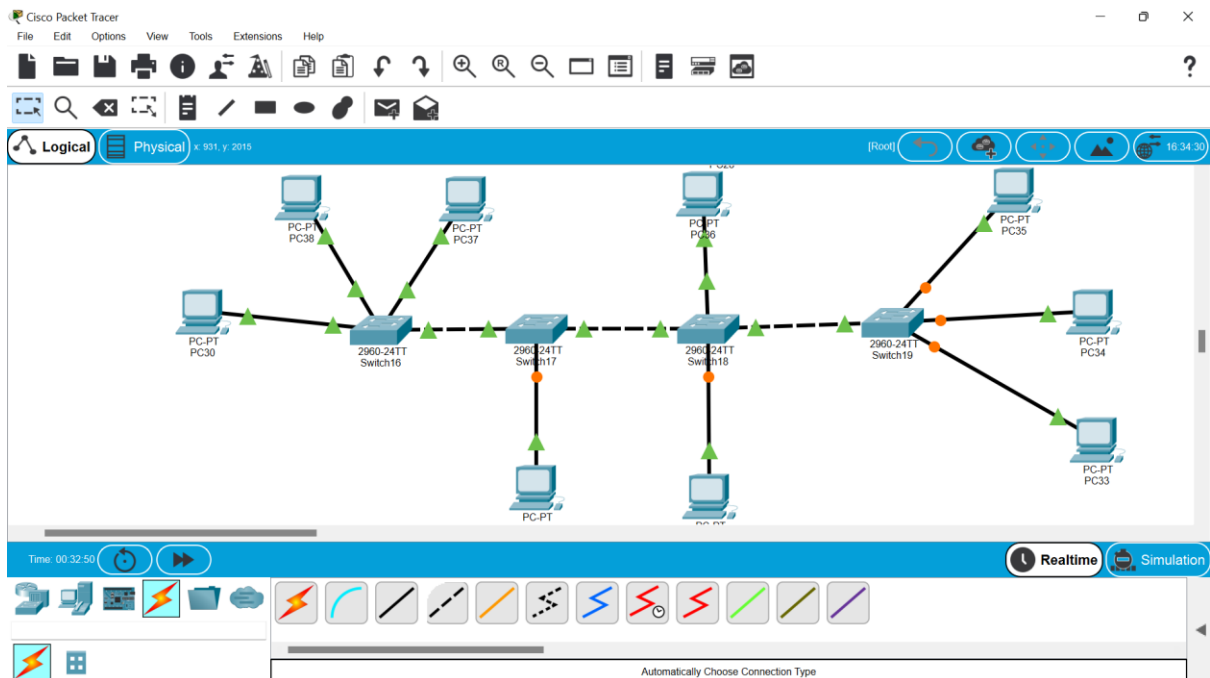
MESH TOPOLOGY:



TREE TOPOLOGY:



HYBRID TOPOLOGY:



Result:

Thus the configuration of the topologies had been done successfully.