



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Discover. Learn. Empower.

Experiment 4

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Subject Name: Computer Networks

Subject Code: 22CSH-312

1. Aim:

Configure and Understand working of network devices Hub, Switch, Routers

2. Objective

To understand working of network devices

3. Requirements:

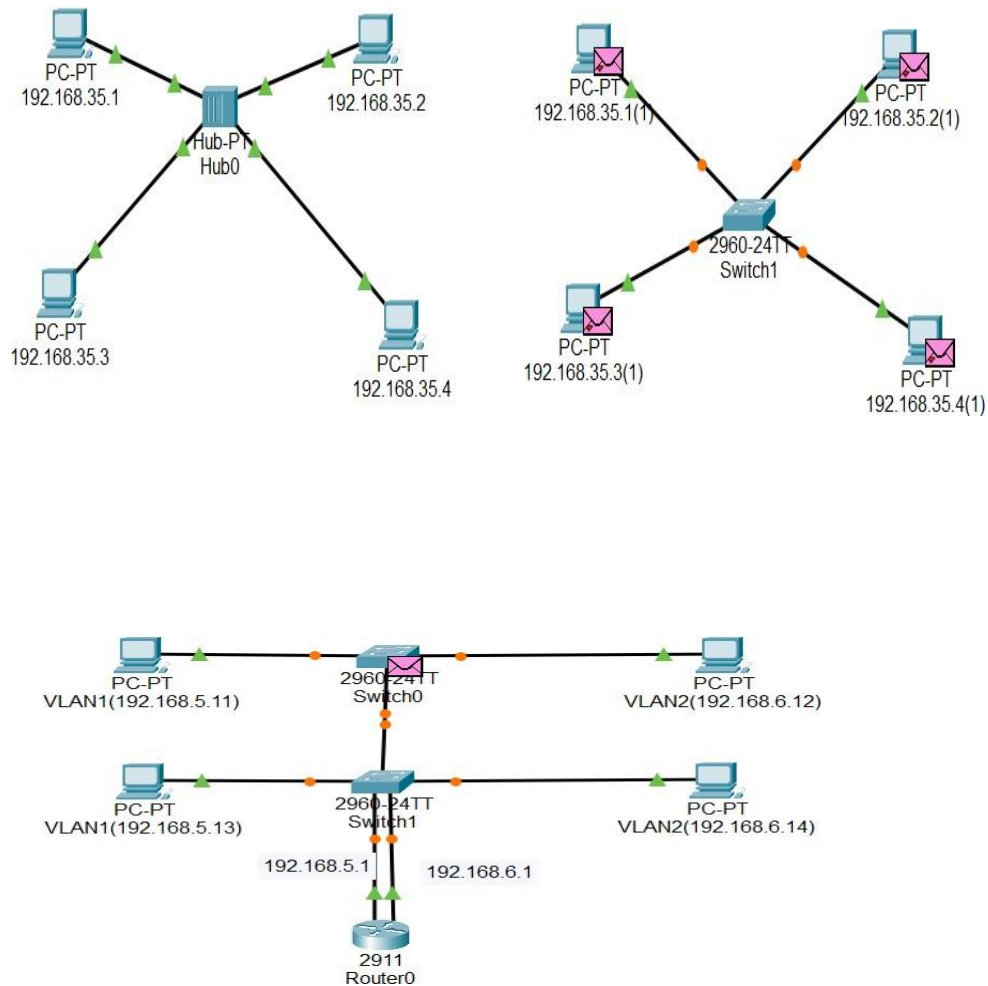
Packet Tracer.

4. Procedure:

- Add devices such as hub, switch, or router in Packet Tracer.
- Assign IP addresses to each device.
- Select a source and destination device.
- Drag and drop a packet from the source to the destination.
- Switch to Simulation mode in Packet Tracer.
- Click "Capture/Play" to start the simulation.

The packet will be accepted only by the destination device.

4. Output:



5. Learning Outcomes

- Learn how packets move through a network and the role of network devices.
- Practice assigning IP addresses and configuring devices for successful communication.