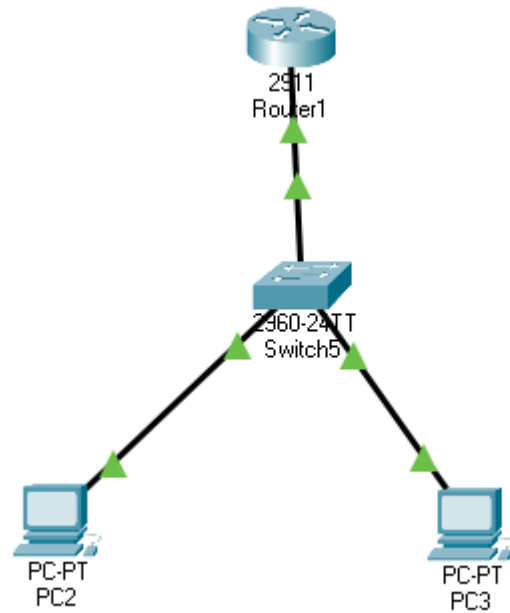


# Computer Networks

## Lab # 08: Packet Tracer – Simple Router-Switch Network



### Objective

Use Packet Tracer to complete the following skills

- Add devices to the network
- Configure static IP addressing to PC0 and PC1

### Scenario

This topology represents the simplest routed network, ideal for studying device configuration and connectivity.

### Step 1

Add a 2911 router, a 2960 switch, and two generic PCs.

### Step 2

Configure the Fast Ethernet port on the router using the IP address 192.168.1.1/24.

### Step 3

Configure PC0 to use the IP address 192.168.1.2/24 and PC1 to use the IP address 192.168.1.3/24. Make sure to use the appropriate default gateway.

### Step 4

Use the appropriate cable types to connect the switch to the router and the two PCs to the switch.

### Step 5

Verify connectivity. From PC0 use the **PING** command to test connectivity to PC1.