SUPERIOR UNIVERSITY

Task no : 8

Name = Muhammad waleed
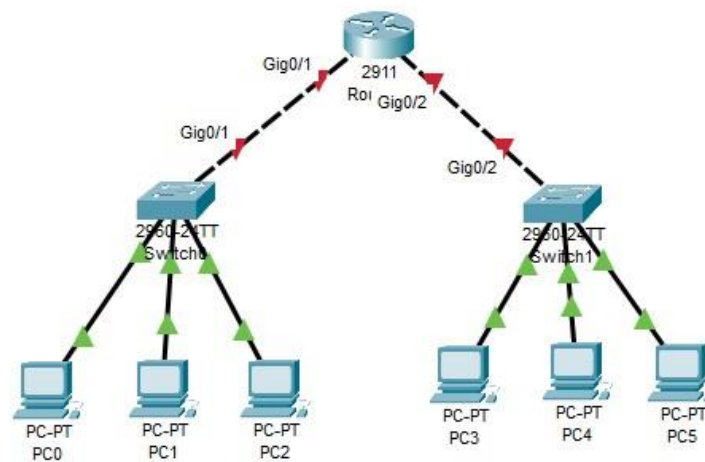
Roll no = SU92-BSSEM-F22-105

Section = 5B

Course = Computer Network

Date = 10-oct-2024

Submitted by = Sir Rasikh Ali

Assigning IP Address to 2 Networks (Dynamically/DHCP, using Command)

1. Create the following (2 switches means, 2 networks, connected to same router);
    - **1 router**
    - **2 switches**
    - switches connected to some devices

2. Repeat all the steps from **Lab 7**, for both the Networks:

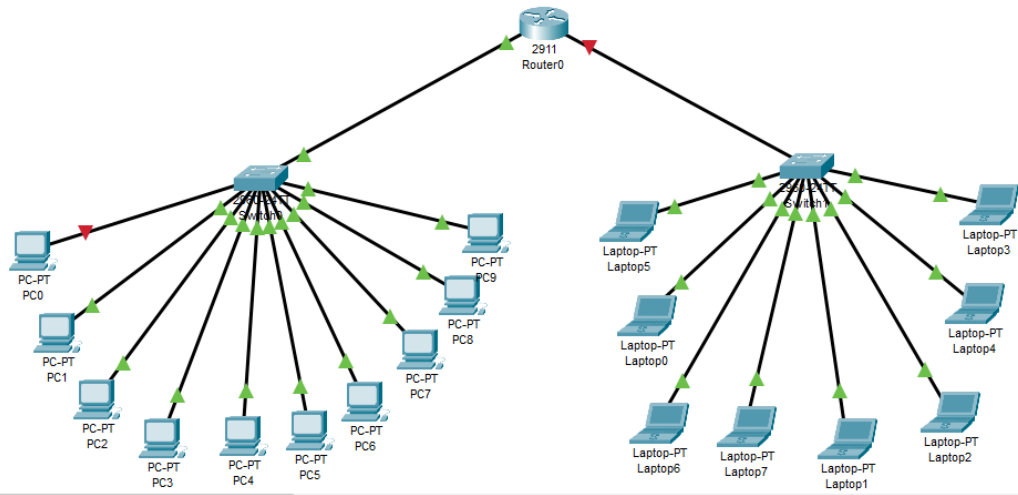# Computer Networks   Rasikh Ali

Lab 8 - Task

Task 1;

Design network of "Lab-7" and "Lab-8" (2-3 rows of computers) Use:

- Switch (2)
- Router (1)
- End-Devices like Laptop/PC

Given IP Address (167.158.15.0), Create 4 Subnets from this given IP Address and use the "2" Subnets in the 2 networks connected to Router, using Command for Router. And Dynamically (DHCP-Router) for End-Devices

PC6   —   □   ✕

Physical   Config   Desktop   Programming   Attributes

IP Configuration   X

Interface   FastEthernet0   ⌄

IP Configuration

○ DHCP   ○ Static   DHCP request successful.

IP Address   167.158.0.4

Subnet Mask   255.255.0.0

Default Gateway 167.158.16.9

DNS Server   0.0.0.0

IPv6 Configuration

○ DHCP   ○ Auto Config   ● Static

IPv6 Address   /

Link Local Address   FE80::201:97FF:FE7A:D761

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

☐ Top

Laptop-PT
Laptop5

Laptop-PT
Laptop0

Laptop-PT   Laptop-PT
Laptop6   Laptop7