

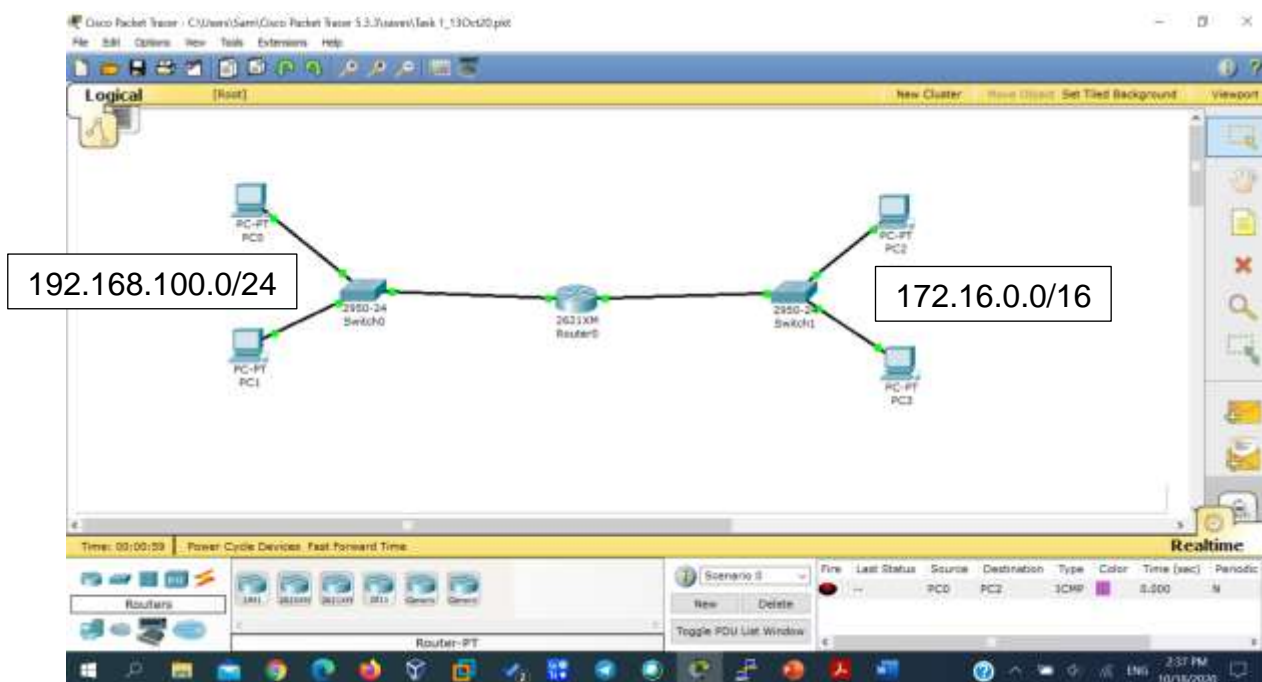
# Assignment Day 2 | 13th October 2020

## By Sameer Kulkarni

**Question 01.** Create two different network  
172.16.0.0/16  
192.168.100.0/24

Create a route by adding a router and assigning a default gateway, so that they can communicate.

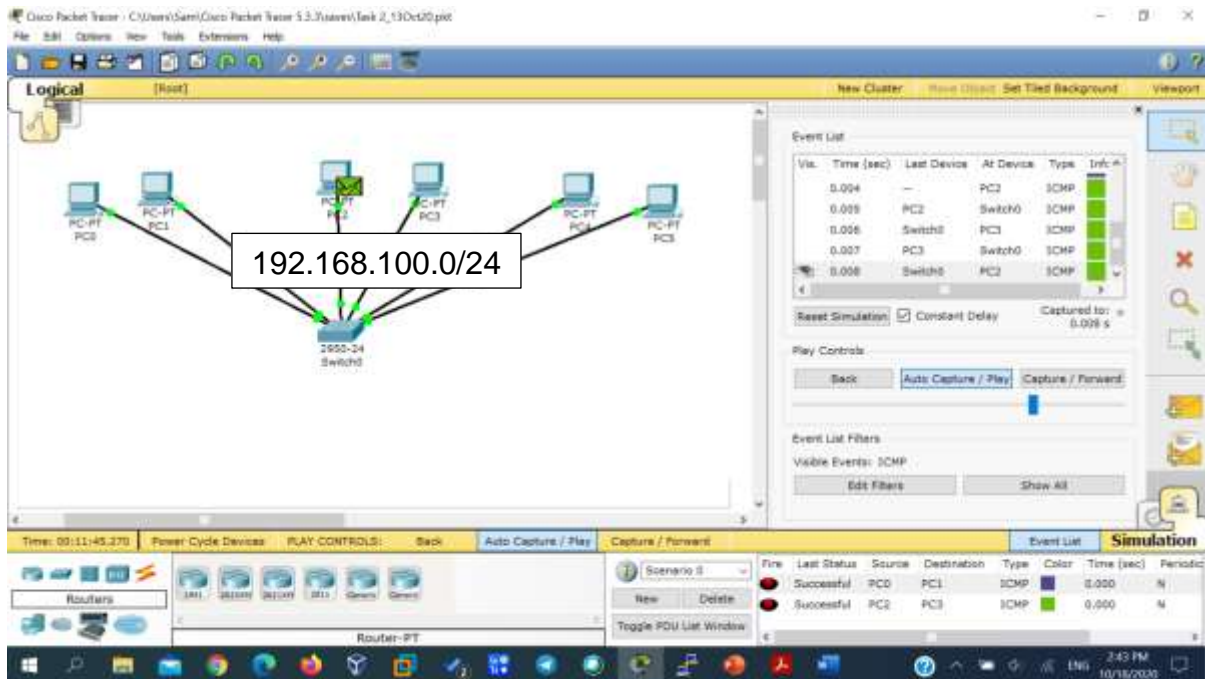
**Answer 01.** Two different networks were created in Packet Tracer. Route was created in Router Configuration with RIP where both networks were added in the Routing Config.



The communication from PC0 to PC3 was possible despite being in different subnets.

**Question 02.** Create 6 systems in the same subnet and isolate their communication via VLAN.

**Answer 02.** The requisite 6 systems were configured in same subnet 192.168.100.0/24.



PC0 and PC1 were configured in VLAN 10, PC2 and PC3 were configured in VLAN 11 whereas PC4 and PC5 remained in VLAN 1. Despite being in same subnet, the ICMP communication was isolated using VLAN.