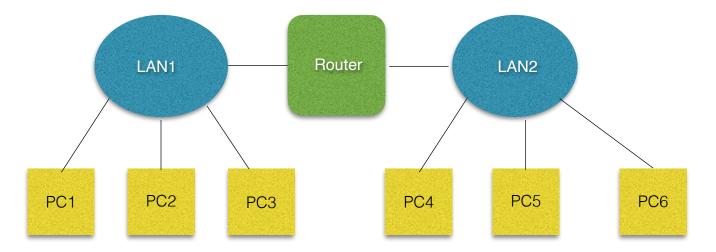


ISAA LAB ASSIGNMENT - 1

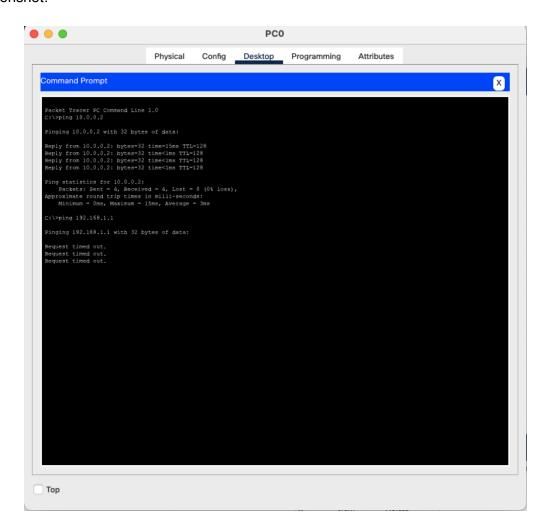
NAME	APOORVA REDDY BAGEPALLI
REGISTRATION NUMBER	19BCE2196

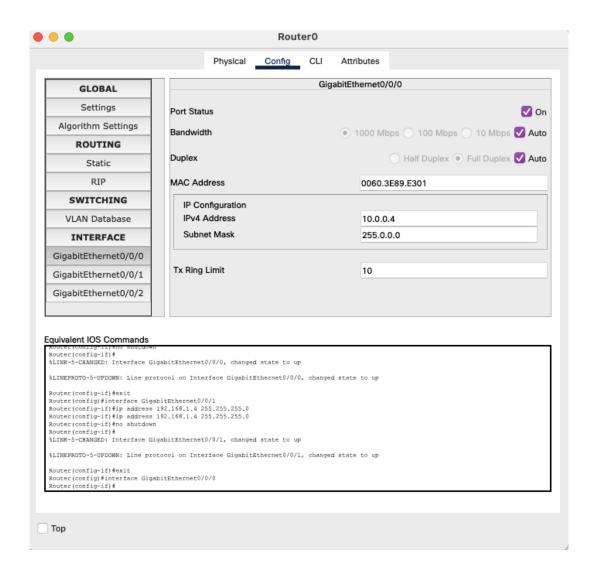
1(A) Connecting two LANs with Router

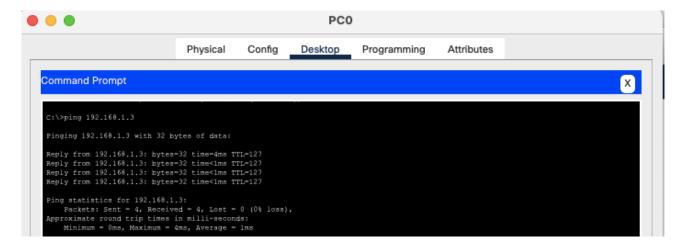


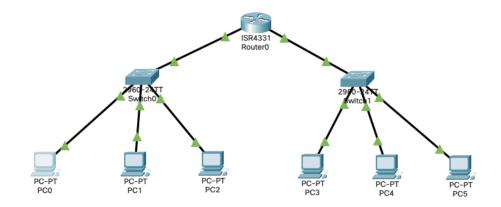
- Router IP Address for GigabitEthernet 0/0/0 is default gateway for PC1,PC2,PC3 (10.0.0.4)
- Router IP Address for GigabitEthernet 0/0/1 is default gateway for PC4,PC5,PC6 (192.168.1.4)
- Connecting six PCs to corresponding two LAN Switch respectively
- · Connecting medium using copper straight through wire

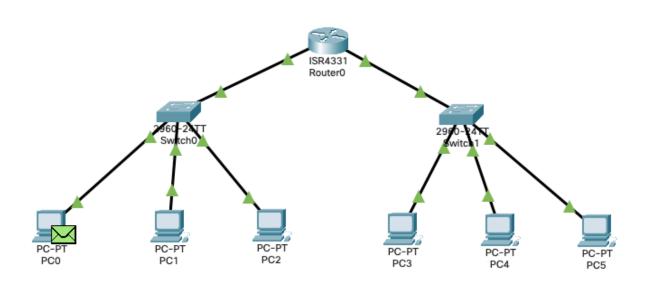
Screenshot:

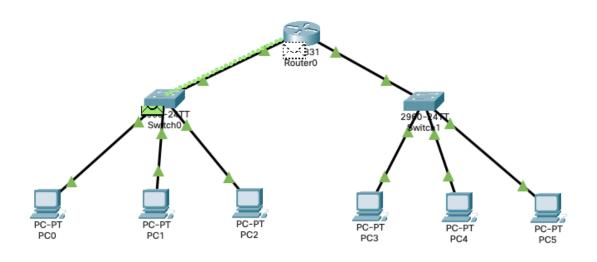


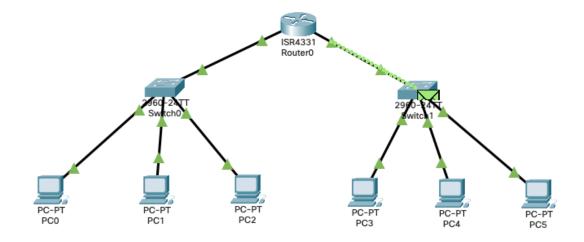


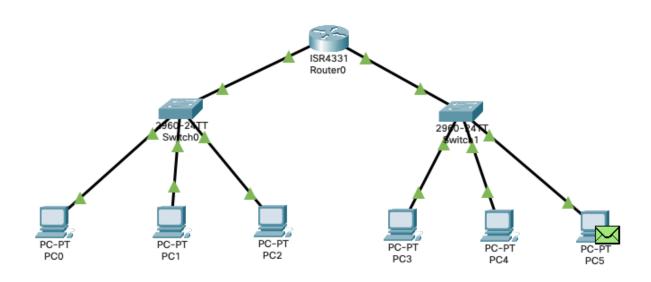


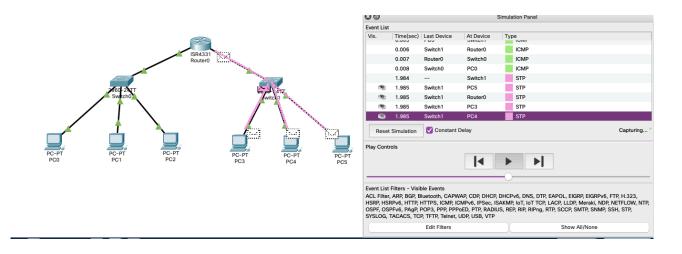




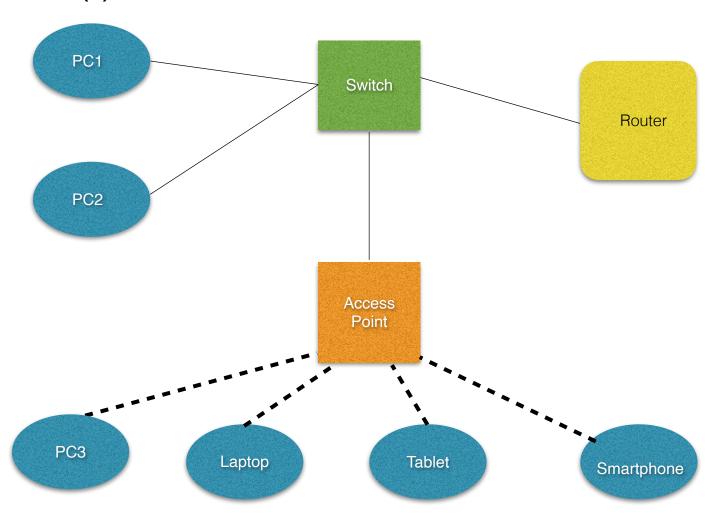








1(B) Wireless Connection



- At Access point, Port 1 configure SSID and WEP key
- Two PCs are connected to the corresponding Switch which is then connected to the router
- Configure Default gateway of Router to the two connected PCs
- Access Point (wireless device) is connected to the Switch and and other four devices -PC,Laptop,Tablet, Smartphone
- Configure Wifi connection in all the four devices to the access point

ScreenShot

