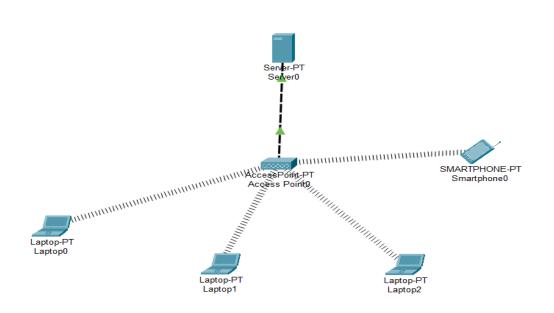
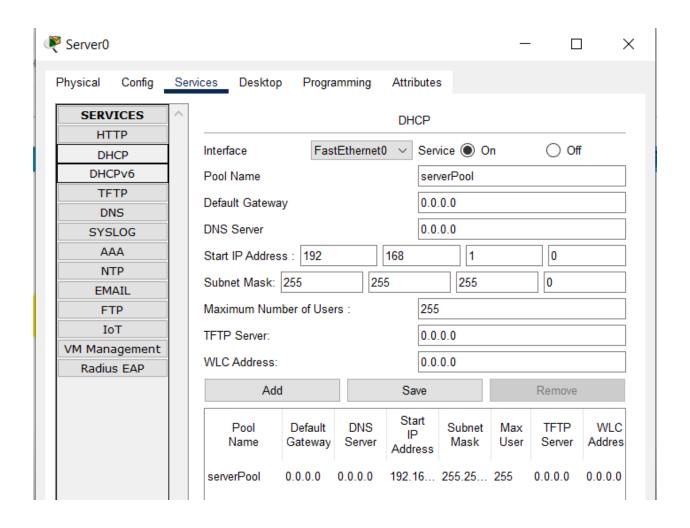
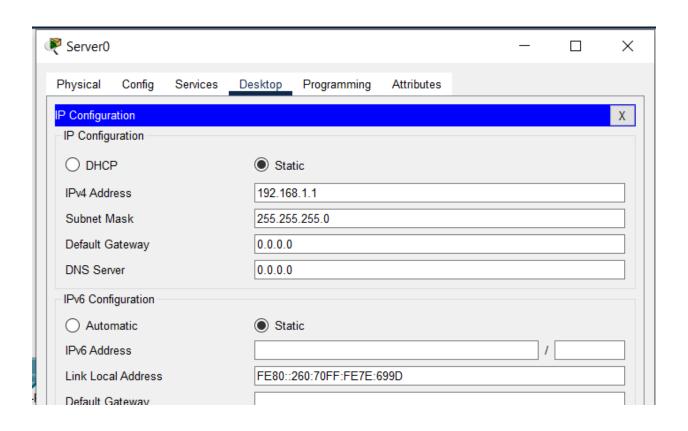
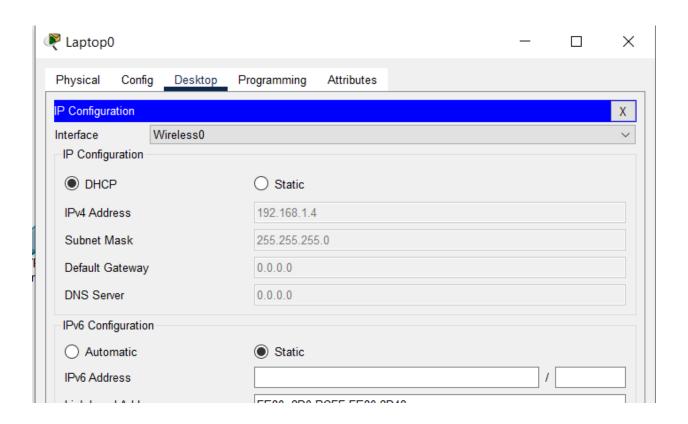
- Abubakkar Abdullah
- · 20P-0045
- Lab Task 7
- BCS-5B
- Computer Networks
   Lab

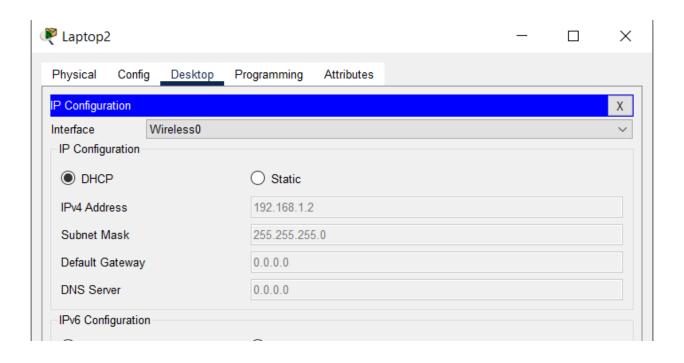
# TASK This is our whole server based connection on which we are going to perform our Task.

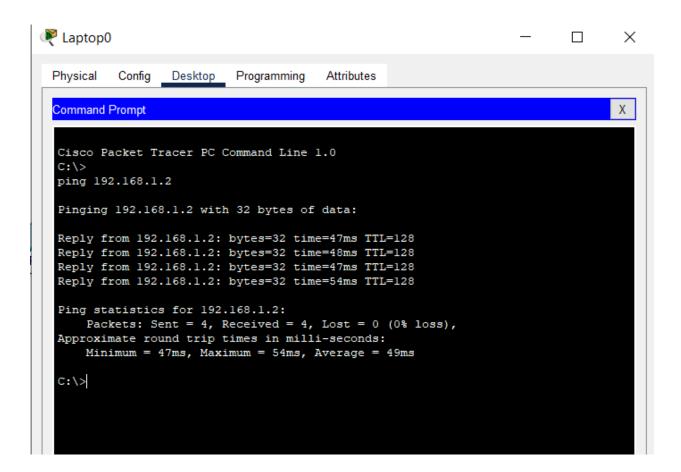


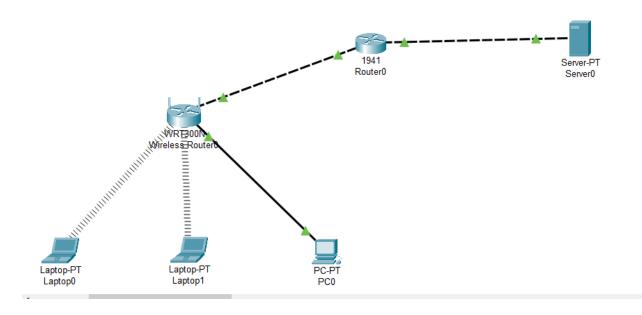


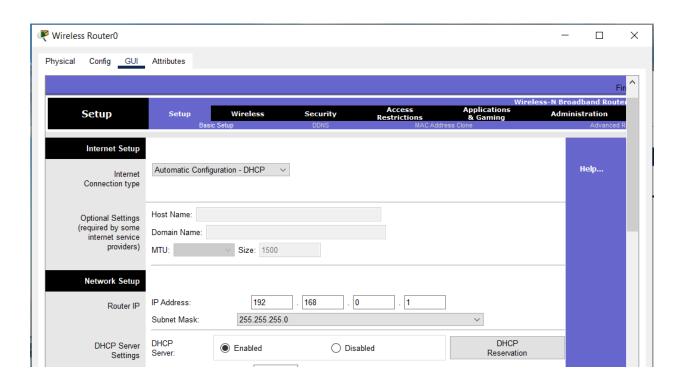


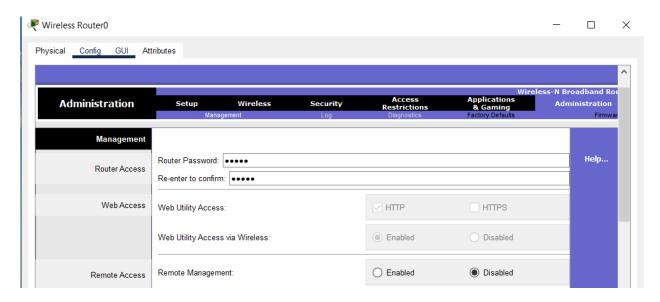




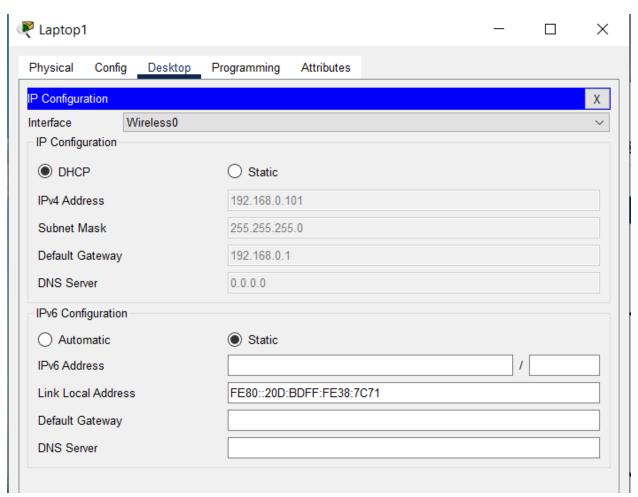


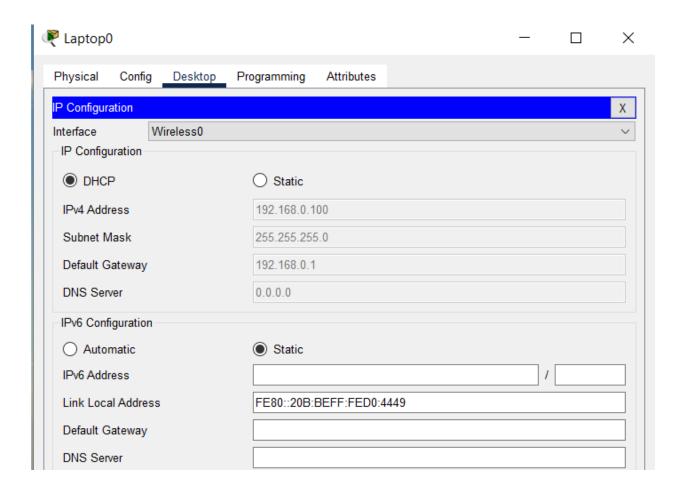


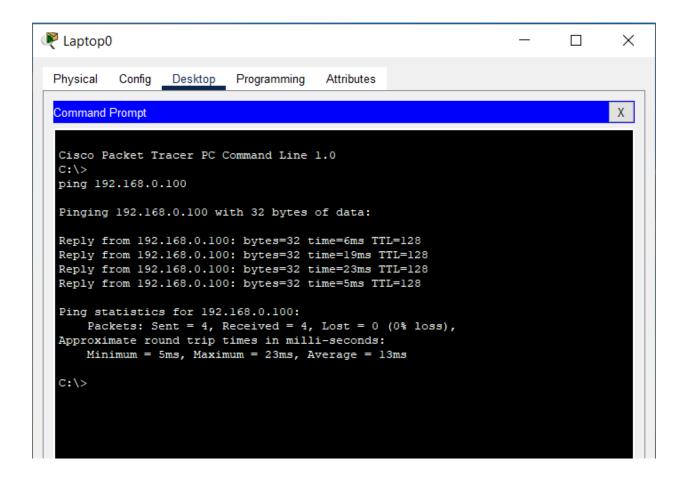




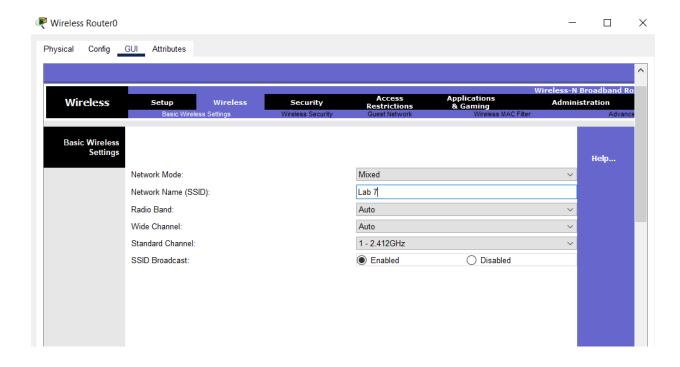
#### **Configuration 1:**

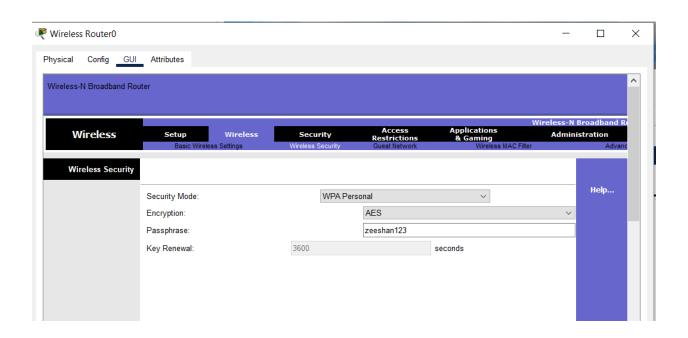


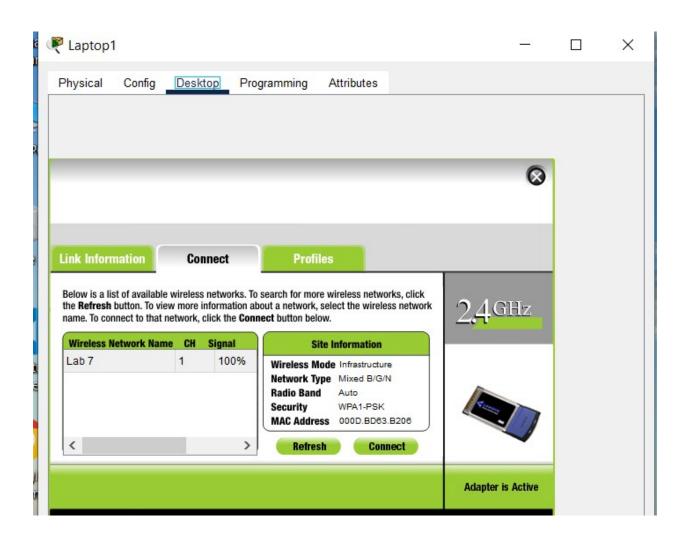


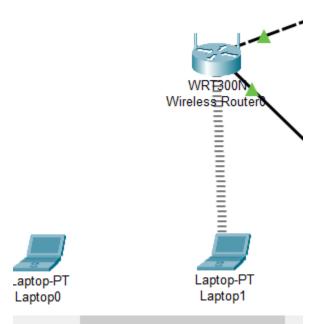


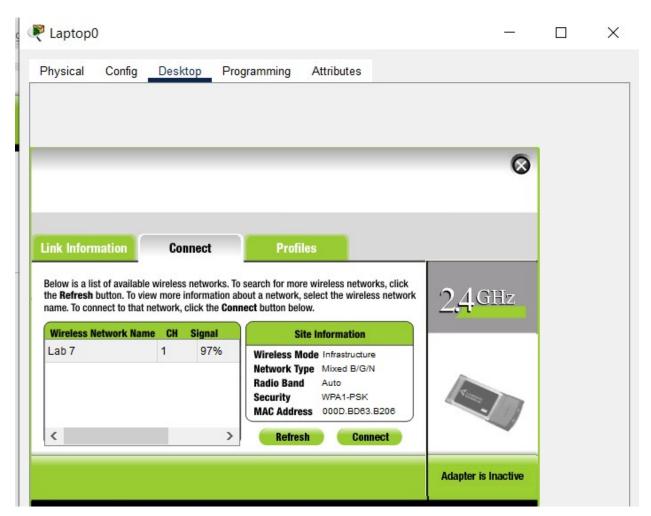
#### Adding wire less security



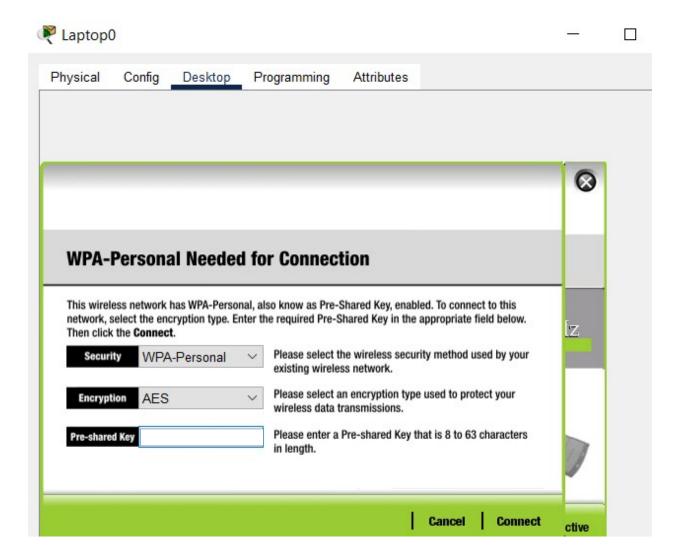


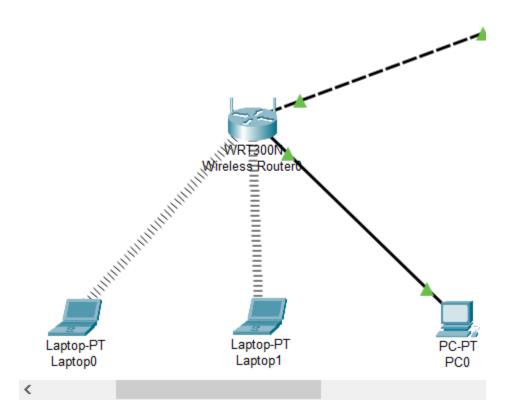






**Configuration 2:** 





Enable isp router to assign public ip

### First configure IP addresses and a DHCP server on ISP router.

```
Router(config) #interface GigabitEthernet0/0
Router(config-if)#
Router(config-if)#
Router(config-if) #ip add 155.21.21.1 255.255.0.0
Router(config-if) #no shut
Router(config-if)#
Router(config) #interface GigabitEthernet0/1
Router(config-if) #ip add 200.0.0.1 255.255.0.0
Router (config-if) #default-router 155.21.21.1
% Invalid input detected at '^' marker.
Router(config-if) #no shut
Router(config-if) #no shut
Router(config-if) #exit
Router(config) #ip dhcp pool mypool
Router(dhcp-config) #net 155.21.0.0 255.255.0.0
Router (dhcp-config) #default-router 155.21.21.1
Router (dhcp-config) #dns-server 0.0.0.0
Router (dhcp-config) #
Router (dhcp-config) #ex
Router(config) #ip route 192.168.0.0 255.255.255.0 fa0/0
```

## Now make the internet interface a DHCP client by enabling DHCP on it.

