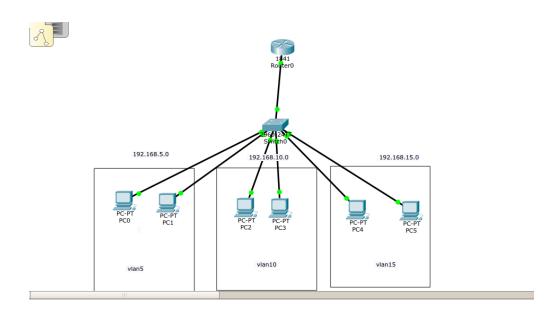
Create VLANs and assign IPs for PCs (DHCP)

made by:

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the network topology



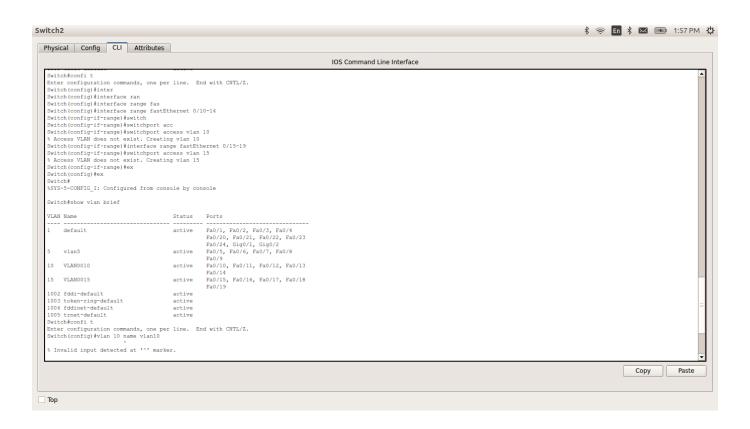
1- switch configuration

1- create the 3 Vlans

- # vlan 5
 # name vlan5

2- reserve ports of switch to each network

#interface range fastethernet 0/5- 9
#switchport mode access
#switchport access vlan 5

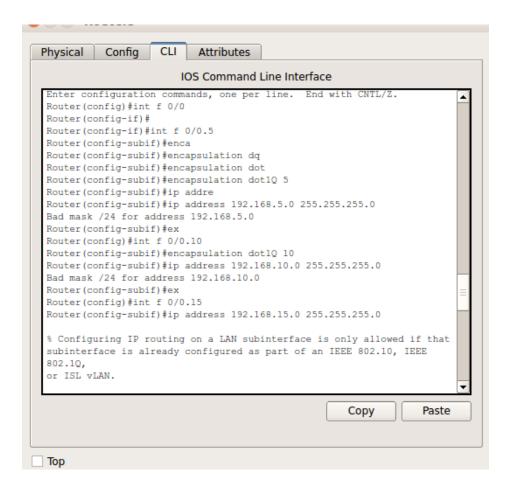


3- make the port of switch work in trunk mode

#interface fastethernet 0/1
#switchport mode trunk

the router configuration

#nterface fastethernet 0/5-9
#encapsulation dot1Q 5
#ip address 192.168.5.0 255.255.255.0



DHCP configuration

```
#ip dhcp pool vlan5
#network 192.168.5.0 255.255.255.0
#default-router 192.168.5.1
#ip dhcp excluded-address 192.168.5.1
```

