

VLAN

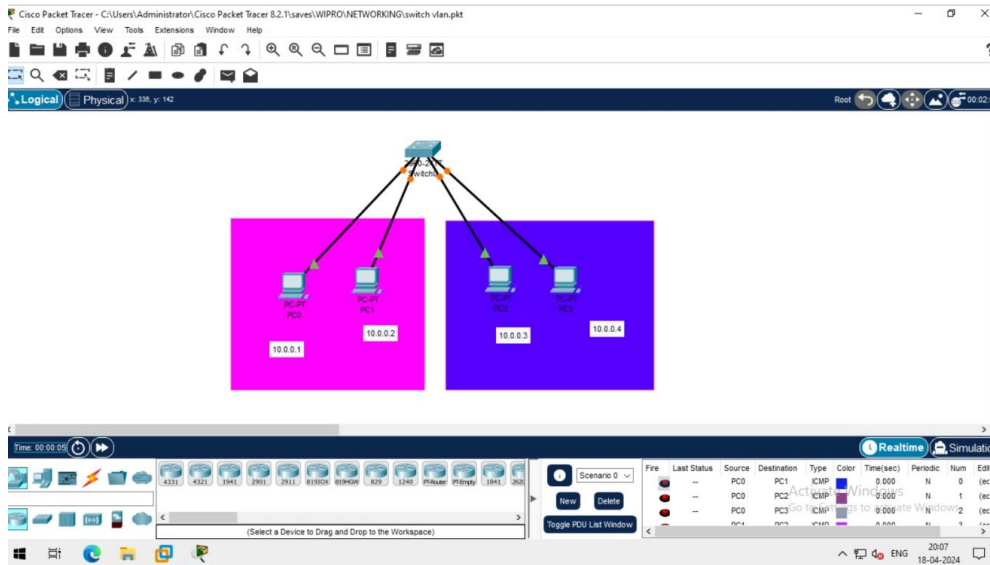
Step 1: First, open the Cisco packet tracer desktop and select the devices

-Add 4pc (pc0, pc1, pc2, pc3)

-Add one switch

Step2-Add IP automatically wire to connect both PC's and switch

Step3-add IP address (10.0.0.1, 10.0.0.2, 10.0.0.3, 10.0.0.4)



Step4

Switch to privilege mode:

Switch>enable

Step5

Switch to global configuration mode:

Switch#conf t

Switch(config)#

Configuring VLAN 2:

Switch(config)#vlan 2

Switch(config-vlan)#name office

Switch(config-vlan)#exit

Configuring VLAN 3:

Switch(config)#vlan 3

Switch(config-vlan)#name home

Switch(config-vlan)#exit

Configuring fastEthernet 0/1 interface:

```
Switch(config)#interface fastEthernet 0/1  
Switch(config-if)#switchport access vlan 2  
Switch(config-if)#exit
```

Configuring fastEthernet 0/2 interface:

```
Switch(config)#interface fastEthernet 0/2  
Switch(config-if)#switchport access vlan 2  
Switch(config-if)#exit
```

Configuring fastEthernet 0/3 interface:

```
Switch(config-if)#interface FastEthernet0/3  
Switch(config-if)#switchport access vlan 3  
Switch(config-if)#exit
```

Configuring fastEthernet 0/4 interface:

```
Switch(config)#interface FastEthernet0/4  
Switch(config-if)#switchport access vlan 3  
Switch(config-if)#exit
```