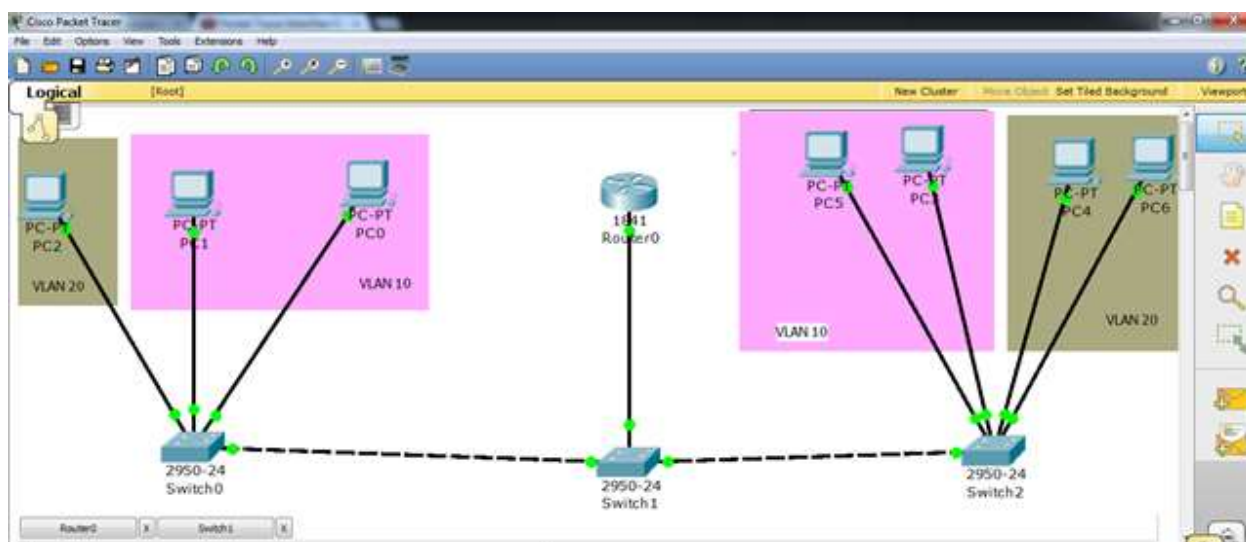


Practical 03 Configure VLAN and Perform Inter VLAN Routing in Packet Tracer.

Step-1: Take Multilayer switch and connect devices to switch as shown below.

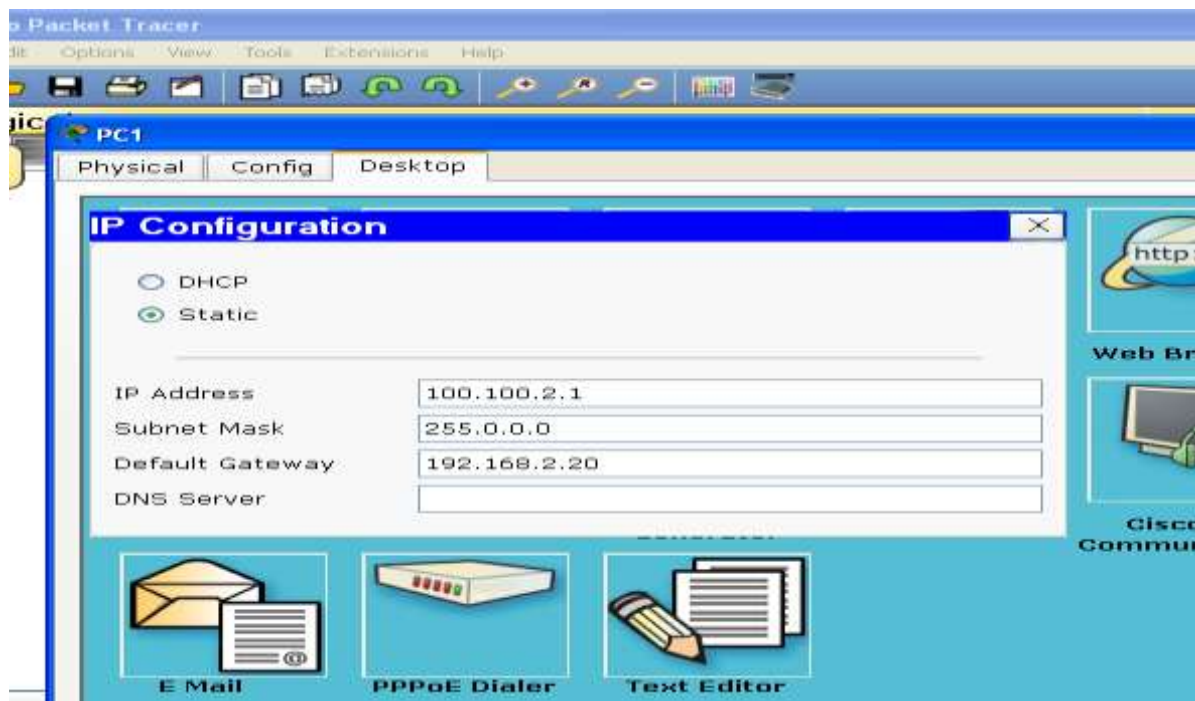


Step-2: Click on Switch -> Go to CLI and enter configuration commands as shown here.

```
Multilayer Switch0
Physical  Config  CLI
IOS Command Line Interface

sw2>enable
sw2#configure terminal
Enter configuration commands, one per line. End with CRTL/Z.
sw2 (config)#
sw2 (config)#interface FastEthernet0/1
sw2 (config-if)#
sw2 (config-if)#exit
sw2 (config)#interface FastEthernet0/2
sw2 (config-if)#
sw2 (config-if)#exit
sw2 (config)#interface FastEthernet0/3
sw2 (config-if)#
sw2 (config-if)#exit
sw2 (config)#interface FastEthernet0/4
sw2 (config-if)#
sw2 (config-if)#exit
sw2 (config)#interface FastEthernet0/5
sw2 (config-if)#
sw2 (config-if)#exit
sw2 (config)#interface FastEthernet0/6
sw2 (config-if)#
sw2 (config-if)#exit
sw2 (config)#exit
```

Step-3: Configure IP address ,subnet mask and default gateway for each device as shown below.



Step-4: Open Command Prompt -> Apply ping command and the result would be as given below.

