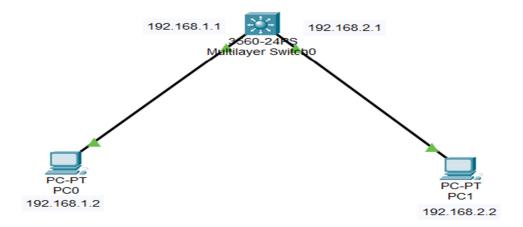
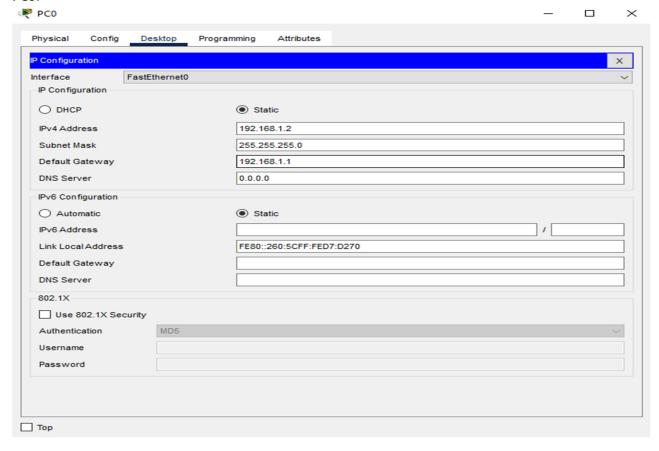
M.Sc. Part 1 - II

Topology:

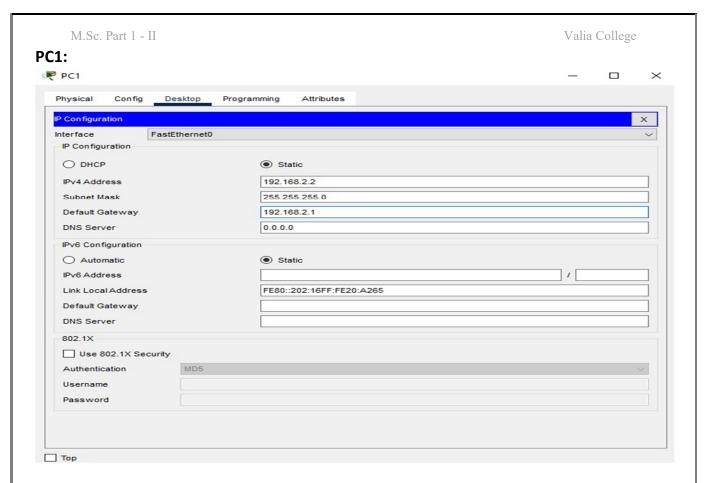


We Configure the IP addresses on the PC

PCO:



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Now we configure the Multilayer switch using the following command in the CLI mode.

Code:

Switch>enable

Switch#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Switch(config)#vlan 10

Switch(config-vlan)#name k&r

Switch(config-vlan)#exit

Switch(config)#vlan 20

Switch(config-vlan)#name cisco

Switch(config-vlan)#exit

Switch(config)#

Switch(config)#interface vlan 10

Switch(config-if)#

Switch(config-if)#ip address 192.168.1.1 255.255.255.0

Switch(config-if)#no shutdown

Switch(config-if)#exit

Switch(config)#

Switch(config)#interface vlan 20

Switch(config-if)#

Switch(config-if)#ip address 192.168.2.1 255.255.255.0

Switch(config-if)#no shutdown

Switch(config-if)#exit

Switch(config)#exit

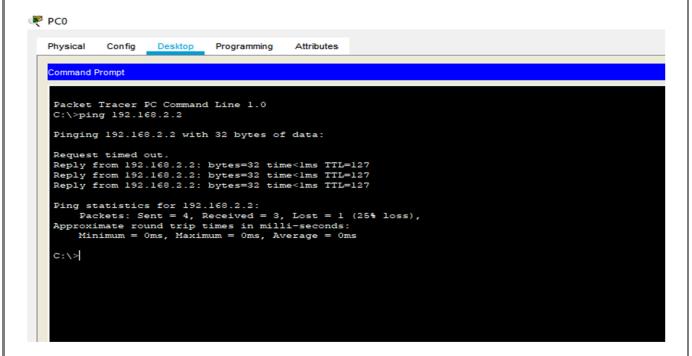
Switch#show ip interface brief

Switch(config)#ip routing

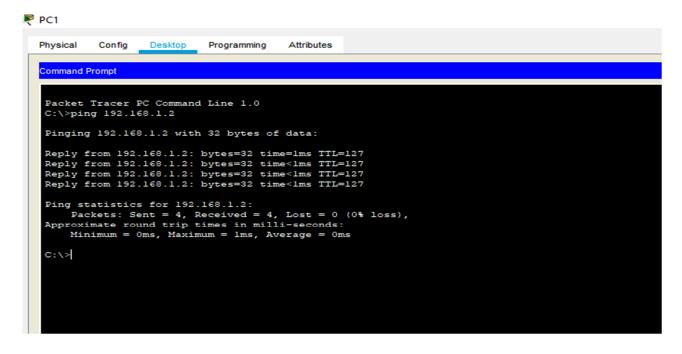
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Output: Now we ping PC1 from PC0 to check the connectivity.



Similarly ping PC0 from PC1.



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