**Assignment Submission**

**Heading: IPv4 Address on Switch**

**Approach:** Need to configure the network by correctly assigning vlan to ports. Senior: assign Fa0/1 to vlan1 and trunk it using ‘switchport mode trunk’. Also change ip address and subnet mask according to vlan’s assignment. Assign Fa0/2 to vlan 2 similarly trunk it and correct ip address and subnet mask. Assign Fa0/3 to vlan3 similar process as of Fa0/1. Admin: Assign Fa0/1 to vlan3 same trunk it and check ip address and subnet mask. Assign Fa0/2 to vlan 2 and Fa0/3 to vlan1 similarly trunk and correct assignment of ip address and subnet mask according to vlan. Also after making changes in switches make changes in PC’s also according to vlan and port.

**Solution:** Correctly assigned Vlan’s to port and successful packet transmitting shows correct configuration.