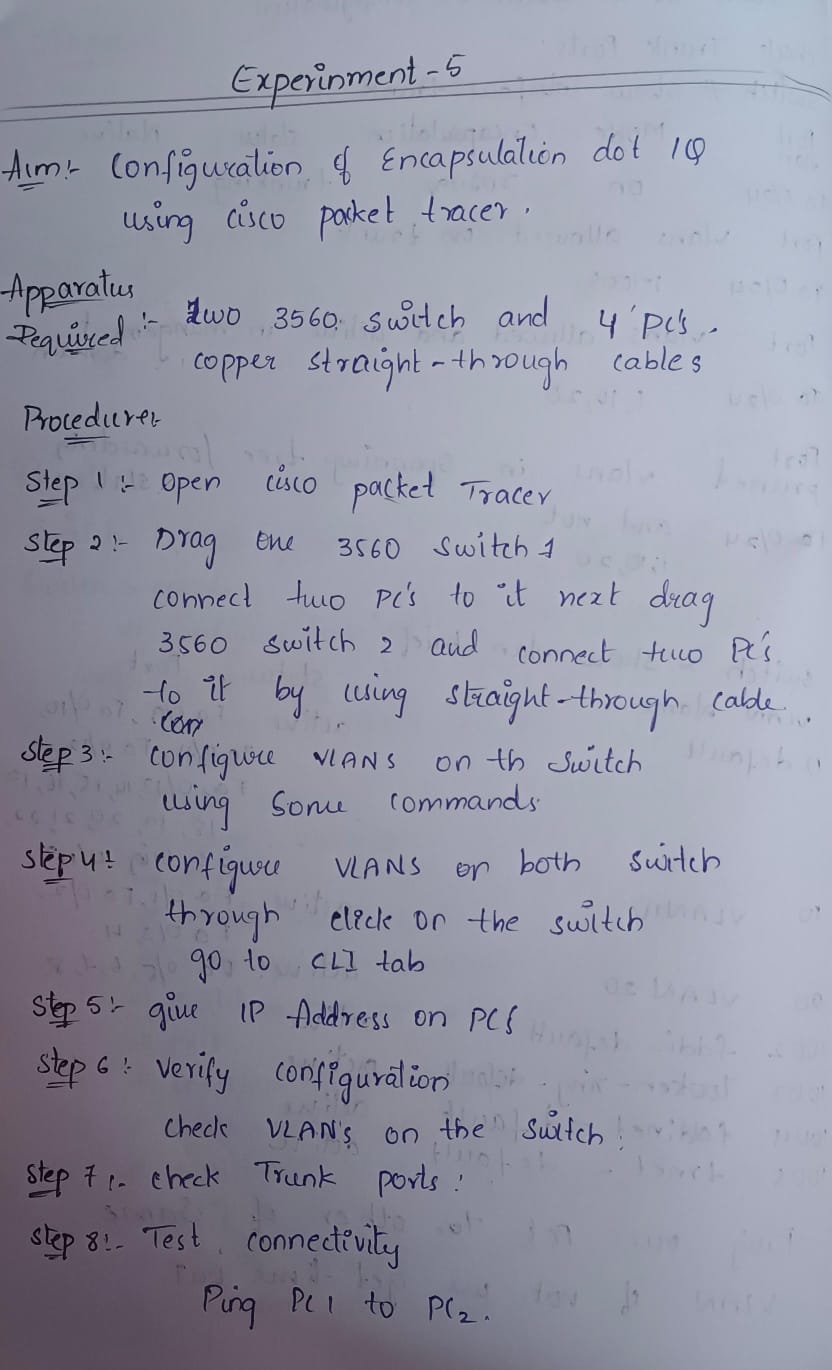
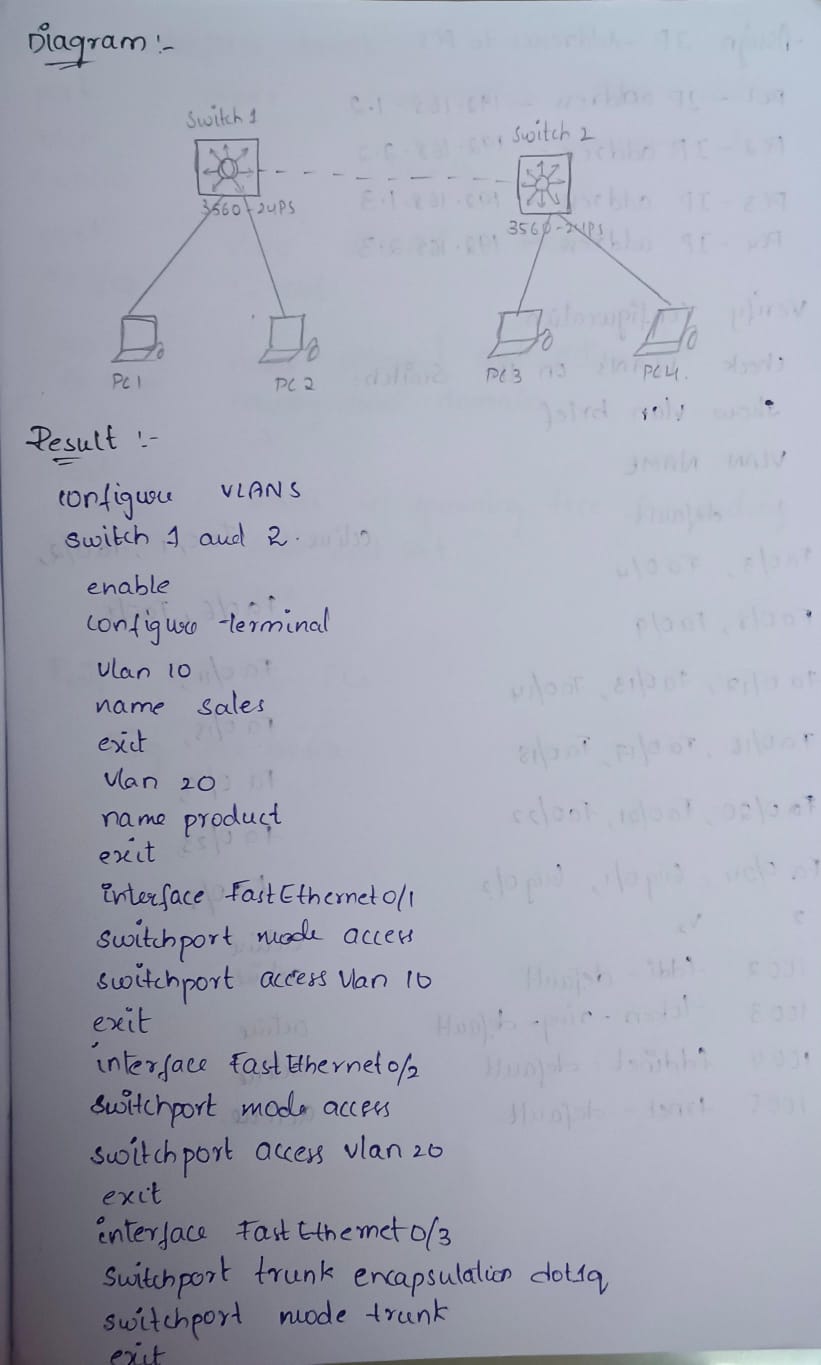
NPS 2320030205

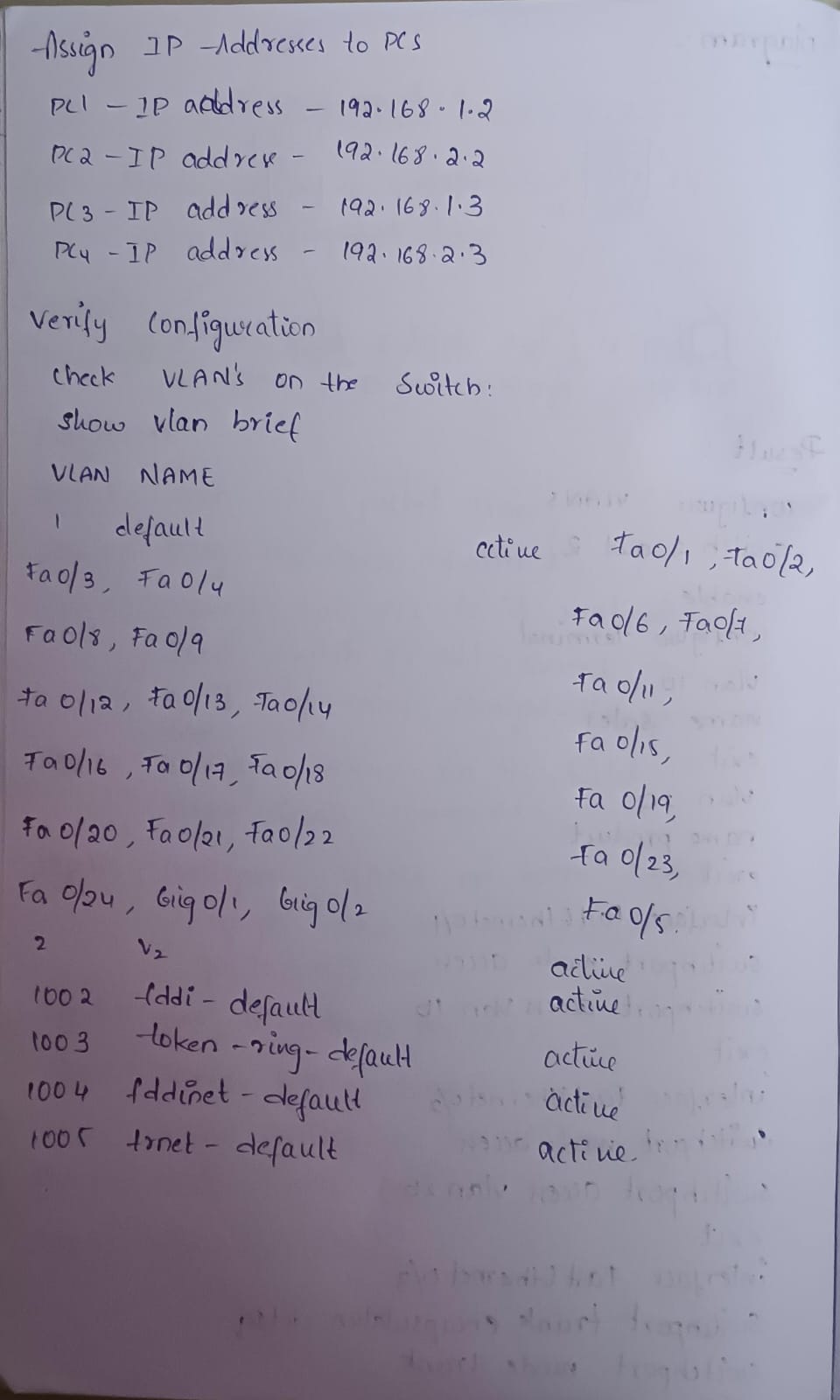
EXPERIMENT-5 N. Manasa Lahari

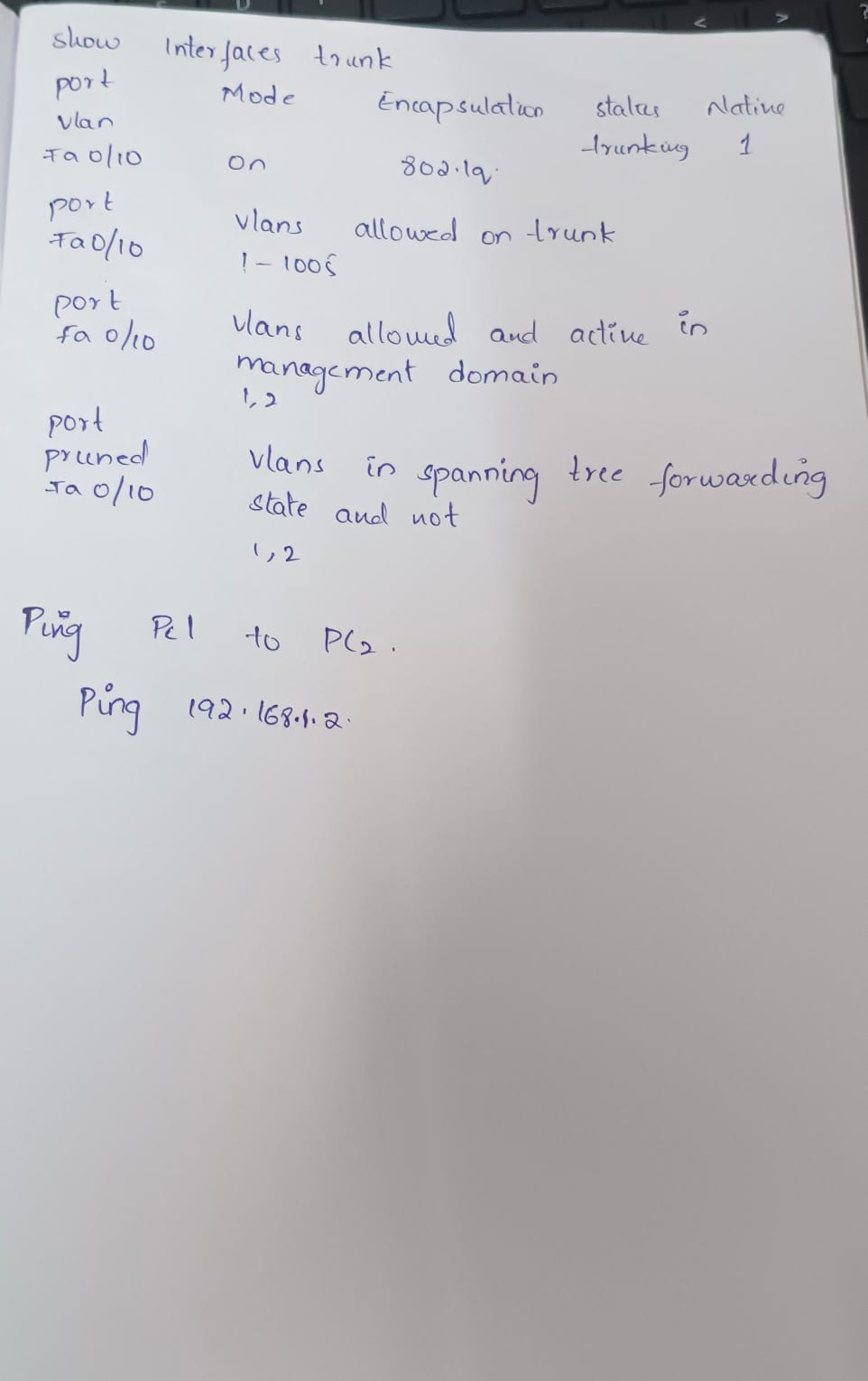
AIM : **Configuration of Encapsulation dot 1Q using cisco packet tracer**

**Need for VLANs and Dot1Q Encapsulation**



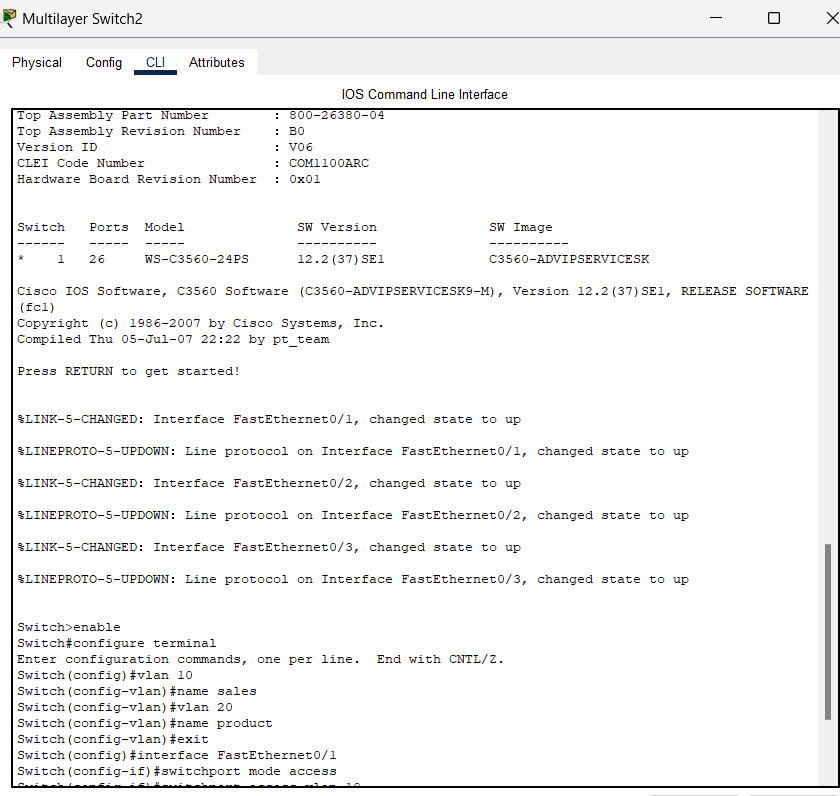




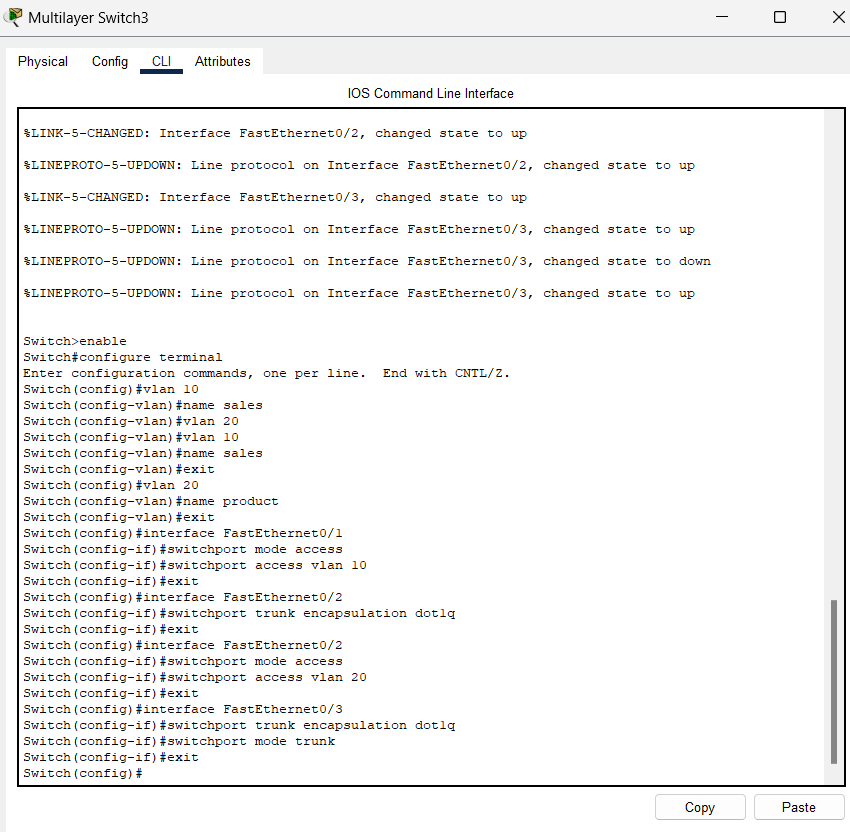


Configure Vlan on Swtiches

Switch 2 (here I have took switch 1 as switch 2)

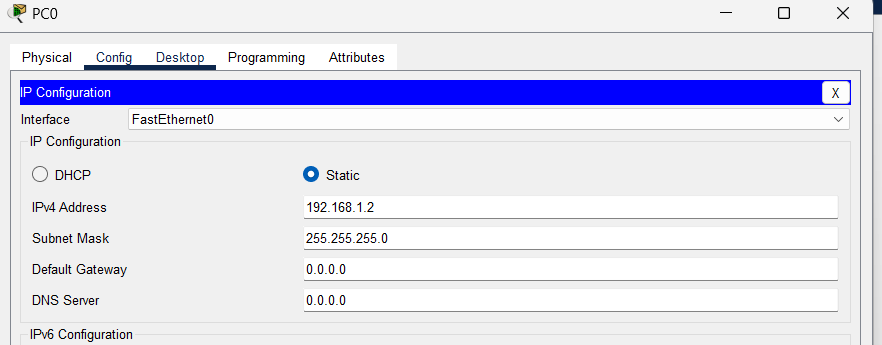


Switch 3 (here I have took switch 2 as switch switch 3)

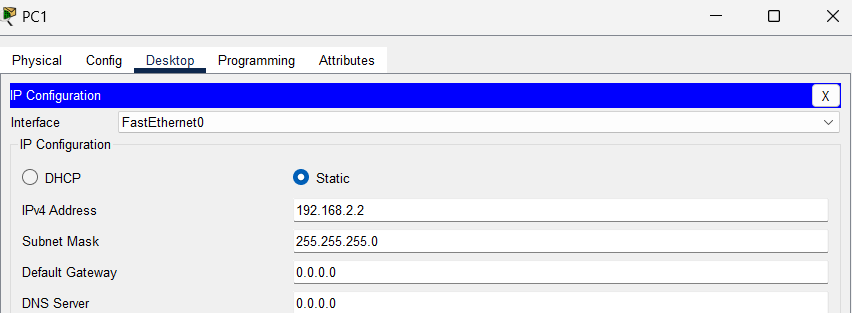


**Assign IP Addresses to PCs**

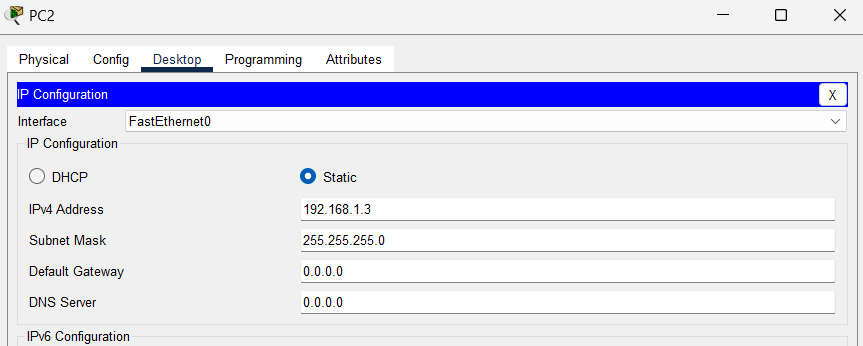
For pc0



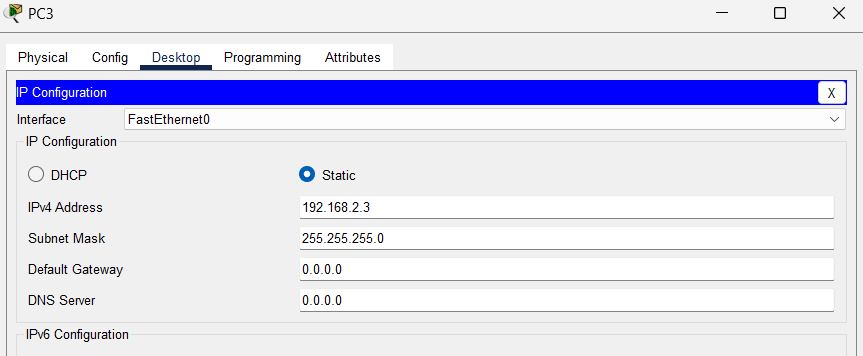
For pc1



For pc 2

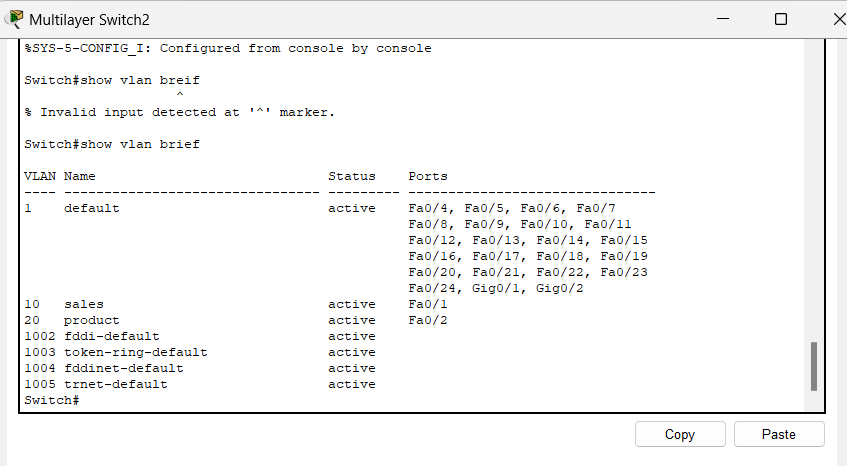


For pc3

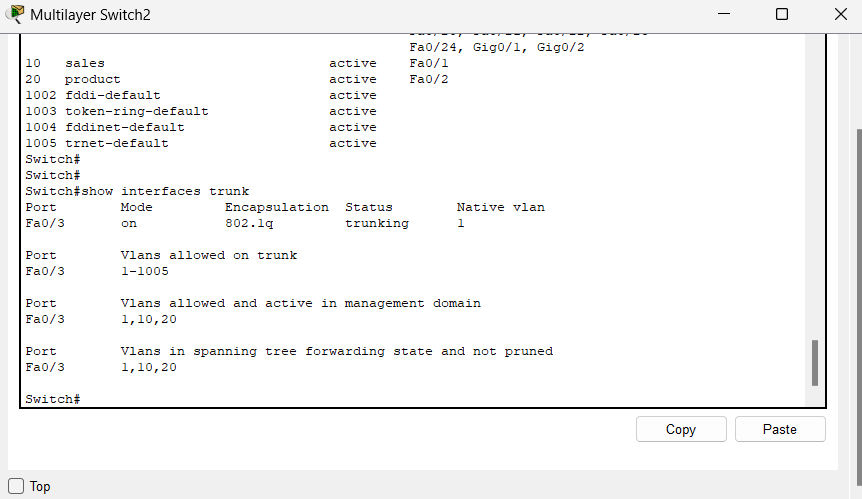


**Verify Configuration**

1. **Check VLANs on the Switch**:



**Check Trunk Ports**



**Test Connectivity**:

