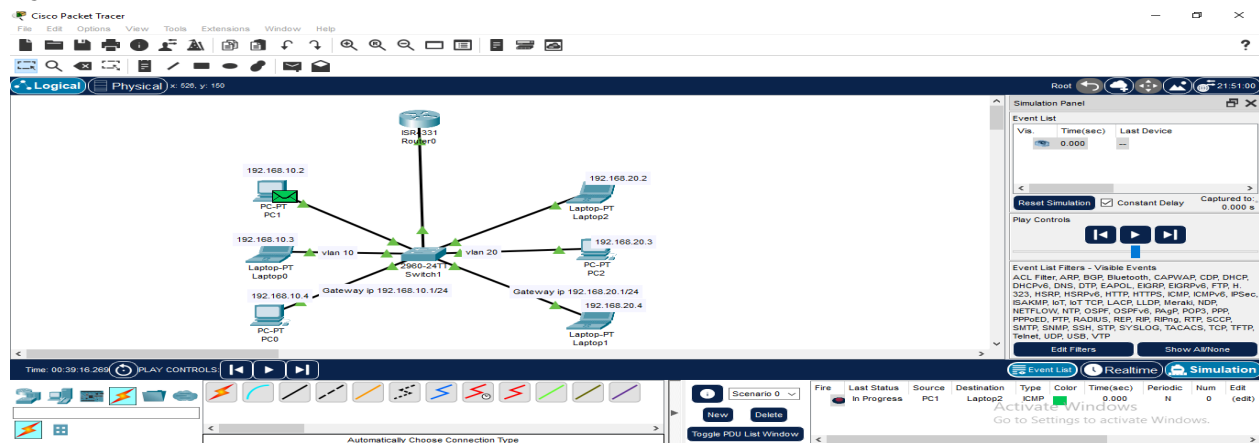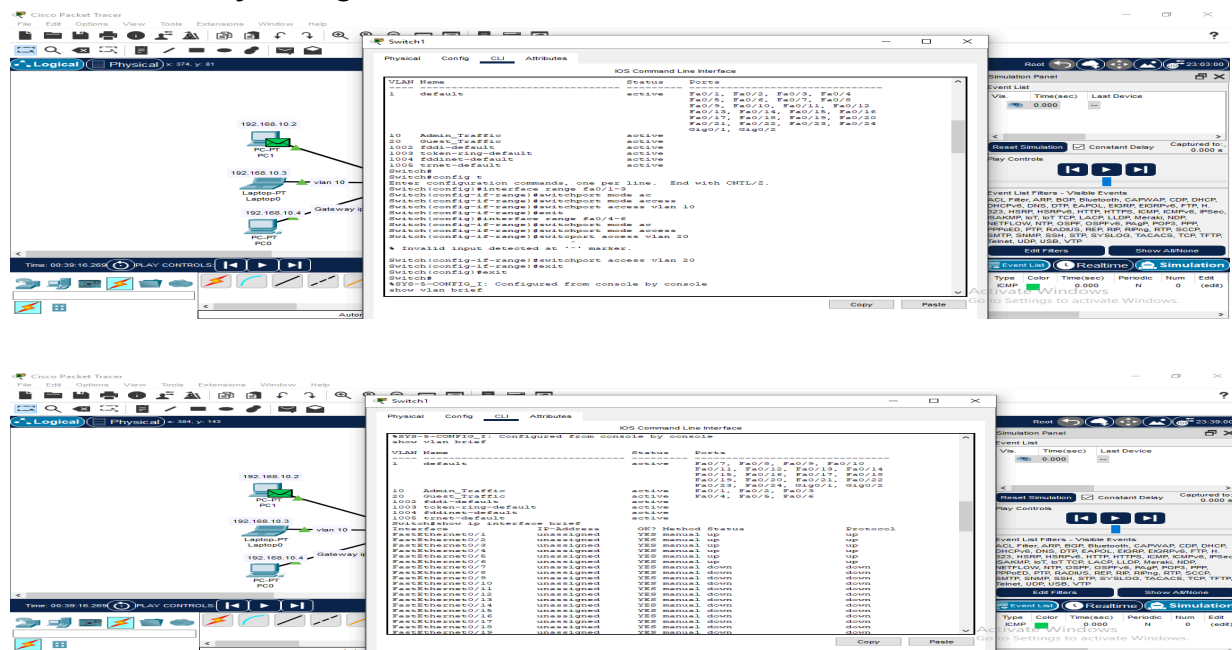# Configuration of IP addresses and Vlans in a Virtual Network Environment

My Network Setup

Screenshot of my Configurations

As a consequence, the message was successfully delivered from the computer with IP address 192.168.10.2 to the laptop with IP address 192.168.10.3 and from the computer with IP address 192.168.10.2 to the computer with IP address 192.168.10.4. The senders received feedback from the receiving IP addresses as well. Additionally, I successfully ping-ed a PC with IP address 192.168.10.2 and a laptop with IP address 192.168.10.3. Additionally, I successfully ping-ed a laptop with IP address 192.168.10.3 and a PC with IP address 192.168.10.4. All of this was done inside VLan 10. I ping a laptop in Vlan 20 with IP address 192.168.20.2 and a PC in Vlan 10 with IP address 192.168.10.2. Additionally, I use IP 192.168.10.4 in Vlan 10 to ping 192.168.20.3 in Vlan 20. Communication worked when I ping devices in the same Vlan. In order to confirm connectivity, I also ping devices across Vlans, and it worked.