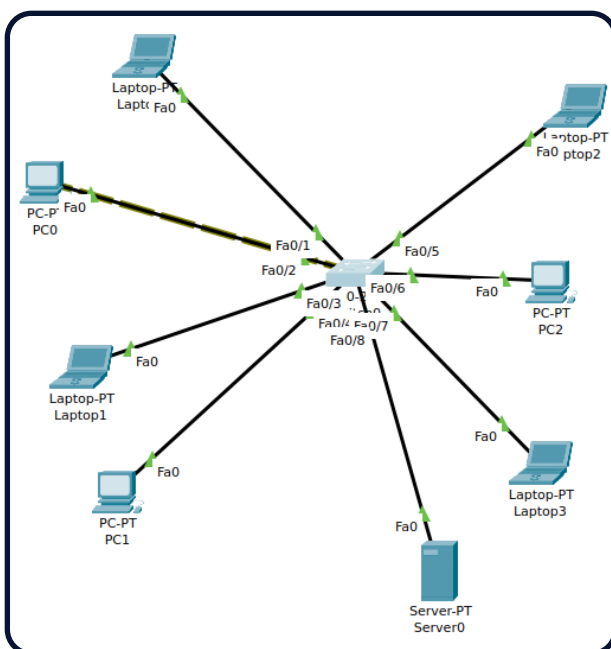# Assignment 1

Required

- Configure hostnames and IP addresses on two Cisco Internetwork Operating(IOS) switches.
- Use Cisco IOS commands to specify or limit access to the device configurations.
- Use IOS commands to save the running configuration.
- Configure 8 hosts with IP addresses then create 4 hosts in the network and others in a different network andconnect 2 devices in a VLAN in each network.
- Verify connectivity between the eight PC end devices

Solution

Here are screenshots of the simulation which I created on *Cisco Packet Tracer.* The left network is 192.168.0.0/25 and the left network is 192.168.0.128/25. The left network's devices' IPs are 192.168.0.1-4 and the right's 192.168.0.129-132.

The network

show vlan IOS command on the switch

To verify and view the full simulation, feel free to go to
http://university.files.nourgaser.com/data_comm/assignment1

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This projects' files are hosted at

http://university.files.nourgaser.com

✉ Email me at nour89553@student.must.edu.eg