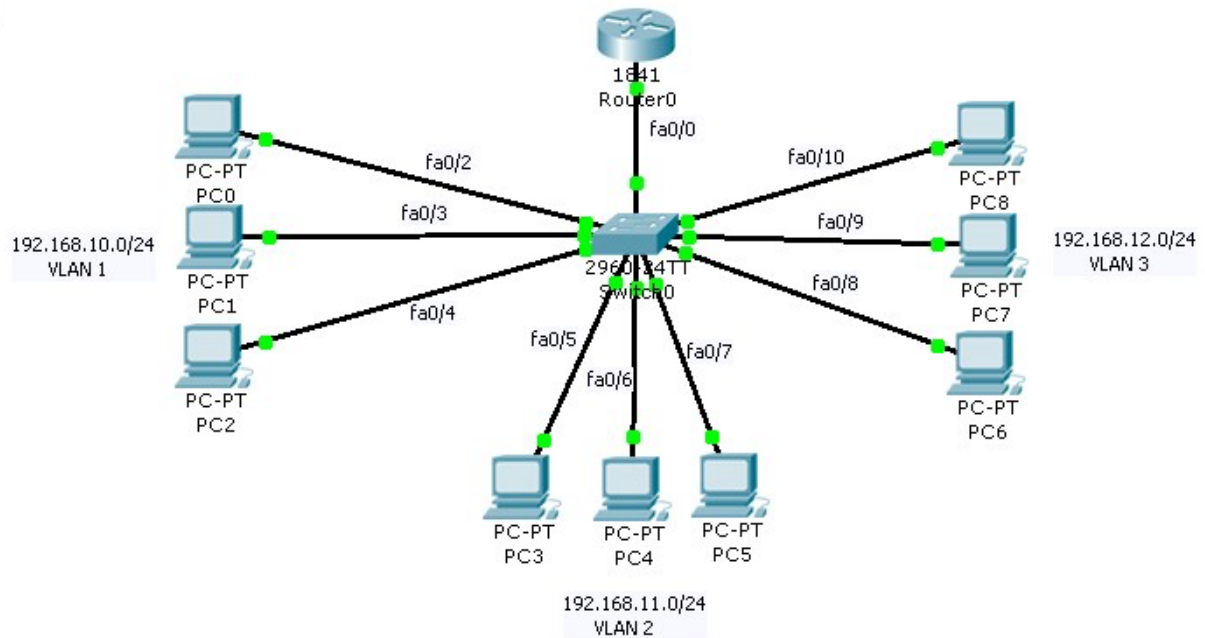# Faculty of Information Technology, University of Moratuwa
BSc. (Hons) in Information Technology
Computer Networks – IN 2510- Lab Sheet 07
Level 2, Semester 2

VLAN Configuration

1) Design the above network using Packet Tracer Simulator.

2) Take the devices as Router -1841, Switch -2960.

3) Give the VLAN 2 and VLAN 3 name as IT and Finance.

4) Display the VLAN information.

5) Assign network address as follows,
    VLAN 1-192.168.10.0/24(default)
    VLAN 2-192.168.11.0/24
    VLAN 3-192.168.12.0/24 6)

6) Verify the connectivity.

7) Assign ports fa0/2, fa0/3, fa0/4 to VLAN_1 and fa0/5, fa0/6 ,fa0/7to VLAN_2 and fa0/8, fa0/9 ,fa0/10to VLAN_3 on the Switch.

8) Display the VLAN membership information.

9) Create 3 sub interfaces in Fast Ethernet interface of router and assign IP addresses

10) Do the configuration for switch and verify the connectivity.