LAB 3 – Networking 1

1. use wireshark to open a .pcap

identify all the traffic types

1. Problems on IP addressing and sub-netting.

give a list of IP and tell them find the subnets of those IP and vice versa (10 each)

Packet Tracer

1. Connect 2 computers to the switch and configure them to ping each other.
2. Create 2 vlans in 1 switch and put the computer in each of the vlans.
3. Now verify whether they are segmented or not by checking whether computers can or cannot ping each other.
4. Connect a router to the switch and enabling the computers in each vlan to ping each other.

New lab

1. router on a stick

Configure 2 vlans on a Switch and truck the port on the switch that connect to the router.

1. Modify step 7 and make 2 vlans on each switch and make the computes in all the vlans ping each other.
2. Connect computer in 2 separate switches and configure a route between the 2 switches so that the 2 computers in the 2 switches can ping each other. (make use of 2 routers)
3. Making a network with 3 switches and 4 virtual lans with 3 computers attached to each vlan and make them ping each other