1. **Priviledge mode**

Switch login: admin

Password:

Switch> en

**Switch#**

1. **Configuration mode**

Switch# configure terminal

**Switch(config)#**

1. **Interface configuration mode**

Switch# con ter

Switch(config)# interface fastEthernet0/1

**Switch(config-if)#**

1. **List of commands in Switch / Priviledge mode**

**Switch#Spacebar?**

**Switch# \_?**

1. **List of commands in configuration mode**

Switch# configure terminal

**Switch(config)# Spacebar?**

**Switch(config)#\_?**

1. **List of commands in interface configuration mode**

Switch# con ter

Switch(config)# interface vlan3

**Switch(config-if)# Spacebar?**

**Switch(config-if)#\_?**

1. **To see what is inside each command**

Switch# vlan spacebar?

**Switch# vlan\_?**

1. **Hostname command**

**Switch(config)# hostname Spacebar?**

Switch(config)# hostname \_?

DWORD This system's network name

Switch(config)# hostname xyz

1. **Setting IP to interface**

Switch# con ter

Switch(config)# interface vlan3

**Switch(config-if)# ip address 192.168.3.231/24**

Interface vlan3 Change to DOWN

1. **Setting ip to interface**

S witch# con ter

Switch(config)# interface fastethernet2

**Switch(config-if)# ip address 192.168.2.10/24**

1. **Access vlan (FastEthernet port)**

It mean a VLAN or list of VLAN in the port of master equipment used by other equipments to access it.

**There is list of access vlans in the port,**

**Switchport access vlan add 1,5,6,7,8,9**

1. **Trunk allowed vlan (Gigabitethernet port)**

It means a vlan or list of vlan carried by a gigabit port of master equipment to connect other equipment.

**switchport trunk allowed vlan add 1-5, 8-9**

The exact vlan of the equipment can be depicted by:

**switchport trunk native vlan 3**

1. **Hostname (command in Switch)**

Switch login: admin

Password:

Switch> en

Switch# show running-config

Building configuration...

**Example of Current configuration of switch 3.53:**

1. **Setting hostname of switch 3.53**

Switch# configure terminal

Switch(config)# hostname

Switch(config)# hostname Switch\_53

1. **Set IP address of interface**

Switch\_53#

Switch\_53# con ter

Switch\_53(config)# interface vlan3

Switch\_53(config-if)# no ip address

Set the IP address of an interface

1. **dhcp DHCPDisable DHCP Client**
2. **igmp disable IGMP on this interface**
3. **Switch\_53(config-if)# no ip address 192.168.3.76/24**
4. **Switch\_53(config-if)# ip address 192.168.3.53/24**
5. **Switch\_53(config\_if)#shutdown**
6. **Switch\_53(config\_if)#no shutdown**