**VLan Commands**

**Show vlan command -**

Show vlan brief

**Procedure for S1,2,3 -**

Vlan 10

Name faculty/staff

Vlan 20

Name student

**Configuring interfaces -**

interface fastEthernet 0/11

switchport access vlan 10

**VLan Trunk**

interface range gigabitEthernet 0-1/2

switchport trunk native vlan 99

Show interfaces trunk

Show vlan brief

Pc 1

Ping pc 1 to pc 2

R1

Cli

En

Config t

Interface gigabitEthernet 0/0.10

encapsulation dot1Q 10

Ip address 172.17.10.1 255.255.255.0

Interface gigabitEthernet 0/0.30

encapsulation dot1Q 30

Ip address 172.17.30.1 255.255.255.0

“Ctrl c”

Config t

Interface gigabitEthernet 0/0

No shutdown

“Ctrl c”

Show ip interface brief

**Translation stop**

Ctrl + 6 + shift

S1

en

Show vlan brief

Config t

Interface gigabitEthernet 0/1

Switchport mode trunk

“Ctrl c”

Show vlan brief