Evaluation Lab 7

We will create three VLANS according to the following table on each switch:

|  |  |
| --- | --- |
| VLAN ID | Interface(s) |
| 2 | From Fa0/1 to Fa0/5 |
| 3 | From Fa0/6 to Fa0/10 |
| 4 | From Fa0/11 to Fa0/15 |
| 2&3 (Trunk) | Fa0/20, Fa0/21 |

* + From the configuration mode activate all required VLANs by typing “vlan *vlan\_id*”.

Note: VLAN 1 is activated and all ports are assigned to it by default.

* + To assignee an interface to a vlan use the following command.

S*Y*\_*G*(config)#interface *interface\_id*

S*Y*\_*G*(config-if)#switchport access vlan *vlan\_id*

* + To set the trunk for vlan 2 and 3 type the following commands

S*Y*\_*G*(config)#interface Fa0/20

S*Y*\_*G*(config-if)#switchport mode trunk

S*Y*\_*G*(config-if)#switchport trunk allowed vlan 2-3

VLAN 2

**R1\_G**

**R2\_G**

**R3\_G**

**S1\_G**

**S2\_G**

**S3\_G**

VLAN 4

TRUNK

PC3

PC2

PC1

VLAN 3

Consider the router as any PC.