***************************DECLARATION VLAN ****************

```
vlan 10
name DIRECTION
exit
vlan 20
name INFORMATIQUE
exit
vlan 30
name PRODUCTION
exit
vlan 40
name VISITEUR
exit
```

*************** LIAISON ENTRE SWITCH/ROUTEUR *************************

```
interface g0/1
switchport mode trunk
switchport trunk allowed vlan 1,10,20,30,40

interface g0/2
switchport mode trunk
switchport trunk allowed vlan 1,10,20,30,40

interface f0/24
switchport mode trunk
switchport trunk allowed vlan 1,10,20,30,40
```

*************** LIAISON ENTRE SWITCH ET TERMINAL***********************

```
interface range f0/1-10
switchport mode access
switchport access vlan 10

interface range f0/11-15
switchport mode access
switchport access vlan 20
exit

interface range f0/16-20
switchport mode access
switchport access vlan 30
exit

interface f0/22
switchport mode access
switchport access vlan 40
exit
```

**************** INTERCONNEXION*************
\-\-\-\-\-\-\-\-\-\-\-ROUTEUR\-\-\-\-\-\-\-\-\-\-\-\-\-\-

```
interface g0/0
ip address 10.1.1.254 255.255.255.0
no shut
exit
```

```
interface g0/0.1
encapsulation dot1q 10
ip add 10.1.10.254 255.255.255.0
exit

interface g0/0.2
encapsulation dot1q 20
ip add 10.1.20.254 255.255.255.0
exit

interface g0/0.3
encapsulation dot1q 30
ip add 10.1.30.254 255.255.255.0
exit

interface g0/0.4
encapsulation dot1q 40
ip add 10.1.40.254 255.255.255.0
exit

--------------- SWITCH----------
ip default-gateway 10.1.1.254
```