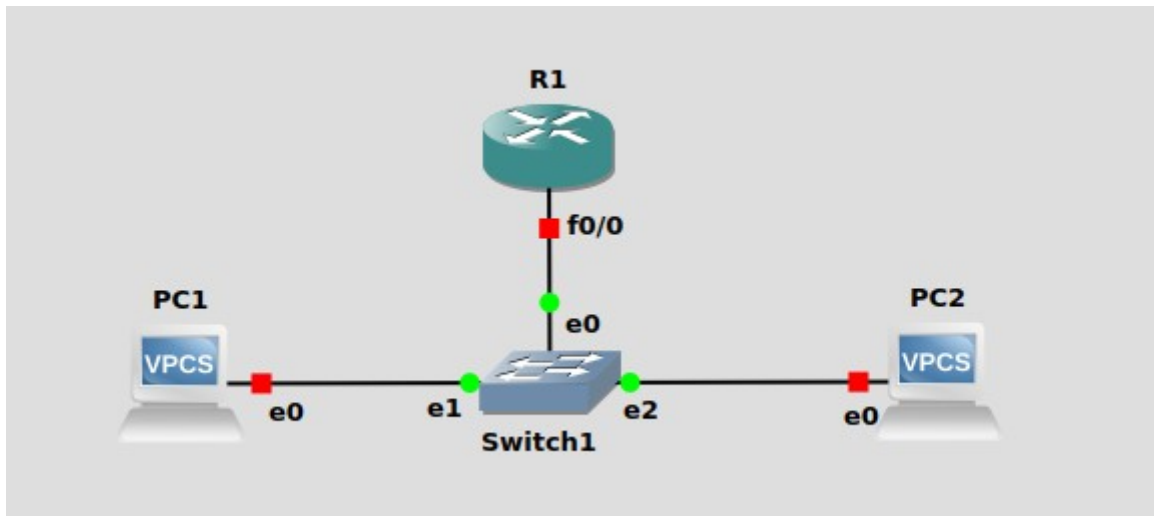


NAME: PRERNA MITTAL  
SECTION: CSE-D

### QUESTION-1 GNS3 DIAGRAM



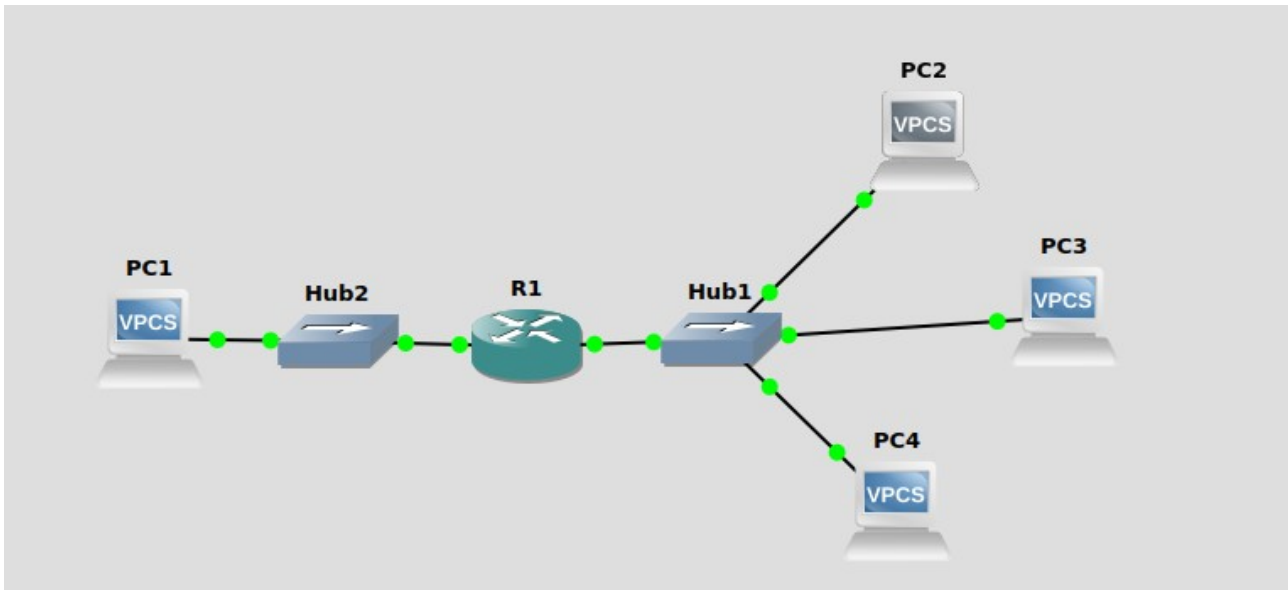
#### R1 CONFIG

```
R1#config t
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#ip dhcp pool NAME
R1(dhcp-config)#network 192.168.3.0 255.255.255.0
R1(dhcp-config)#default-router 192.168.3.1
R1(dhcp-config)#interface f0/0
R1(config-if)#no shutdown
R1(config-if)#ip address 192.168.3.1 255.255.255.0
*Mar 1 00:02:06.615: %LINK-3-UPDOWN: Interface FastEthernet0/0, changed state to up
*Mar 1 00:02:07.615: %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
```

#### PC1 PC2 DHCP

```
PC1> dhcp
DORA IP 192.168.3.2/24 GW 192.168.3.1
PC2> dhcp
DDORA IP 192.168.3.3/24 GW 192.168.3.1
PC1> dhcp
DORA IP 192.168.3.2/24 GW 192.168.3.1
```

QUESTION-2  
GNS3 DIAGRAM



PC CONFIGS

```
PC1> ip 10.0.1.10 255.255.255.0 10.0.1.12
Checking for duplicate address...
PC1 : 10.0.1.10 255.255.255.0 gateway 10.0.1.12
```

```
PC2> ip 10.0.2.10 255.255.255.0 10.0.2.12
Checking for duplicate address...
PC2 : 10.0.2.10 255.255.255.0 gateway 10.0.2.12
```

```
PC4> ip 10.0.2.139 255.255.255.0 10.0.2.142
Checking for duplicate address...
PC4 : 10.0.2.139 255.255.255.0 gateway 10.0.2.142
```

