

Practical 10

Aim:

a) Internetworking with routers in CISCO PACKET TRACER simulator.

Procedure:

- Place 2 PCs and a 2811 Router as shown in your lab manual.
- Connect PC1 with Router and PC2 with Router using Copper through cable.
- Click on Router, Go to Config, Select FastEthernet0/0, write IPv4 address as "192.168.10.1", Click Enter.

- Go to CLI, type the following codes:

```
Router(config-if)#no shutdown
```

```
Router#exit
```

- Select FastEthernet0/1, write IPv4 address as "192.168.20.1", Click Enter.
- Go to CLI, type the following codes:

```
Router(config-if)#no shutdown
```

```
Router#exit
```

- Click on PC0, Goto Desktop ->IP Configuration, add the below details

IPv4 Address : 192.168.10.2

Default Gateway : 192.168.10.1

Subnet mask : 255.255.255.0

- Click Enter

- Click on PC1, Goto Desktop ->IP Configuration, add the below details

IPv4 Address : 192.168.20.2

Default Gateway : 192.168.10.1

Subnet mask : 255.255.255.0

- Click Enter

- Send a Simple message from PC0 to PC1.

OUTPUT:

