

Part-1

Step-1:

a.

```
R1>en
R1#conf t
R1(config)#ip route 0.0.0.0 0.0.0.0 s0/0/1
R1(config)#
```

b.

```
R1(config)#router rip
```

c.

```
R1(config-router)#version 2
R1(config-router)#no auto-summary
```

d.

```
R1(config-router)#network 192.168.1.0
R1(config-router)#network 192.168.2.0
```

e.

```
R1(config-router)#passive-interface g0/0
```

f.

```
R1(config-router)#default-information originate
```

g.

```
R1(config-router)#end
R1#copy run start
Enter
```

Step-2:

a.

```
R2>en
R2#conf t
R2(config)#router rip
```

b.

```
R2(config-router)#version 2
R2(config-router)#no auto-summary
```

c.

```
R2(config-router)#network 192.168.2.0
R2(config-router)#network 192.168.3.0
R2(config-router)#network 192.168.4.0
```

d.

```
R2(config-router)#passive-interface g0/0
```

e.

```
R2(config-router)#end
R2#copy run start
Enter
```

Step-3:**a.**`R3>en``R3#conf t``R3(config)#router rip`**b.**`R3(config-router)#version 2``R3(config-router)#no auto-summary`**c.**`R3(config-router)#network 192.168.4.0``R3(config-router)#network 192.168.5.0`**d.**`R3(config-router)#passive-interface g0/0`**e.**`R3(config-router)#end``R3#copy run start``Enter`

Part-2

Step-1:**On Any Router -**`show ip route rip`**Step-2:****On any PCs -**`ping 64.100.0.10`**On any Router -**`show router ip`