# LAB #04

## NAME:NOUMAN ALI                              SID:9964

**FLOATING ROUTES**
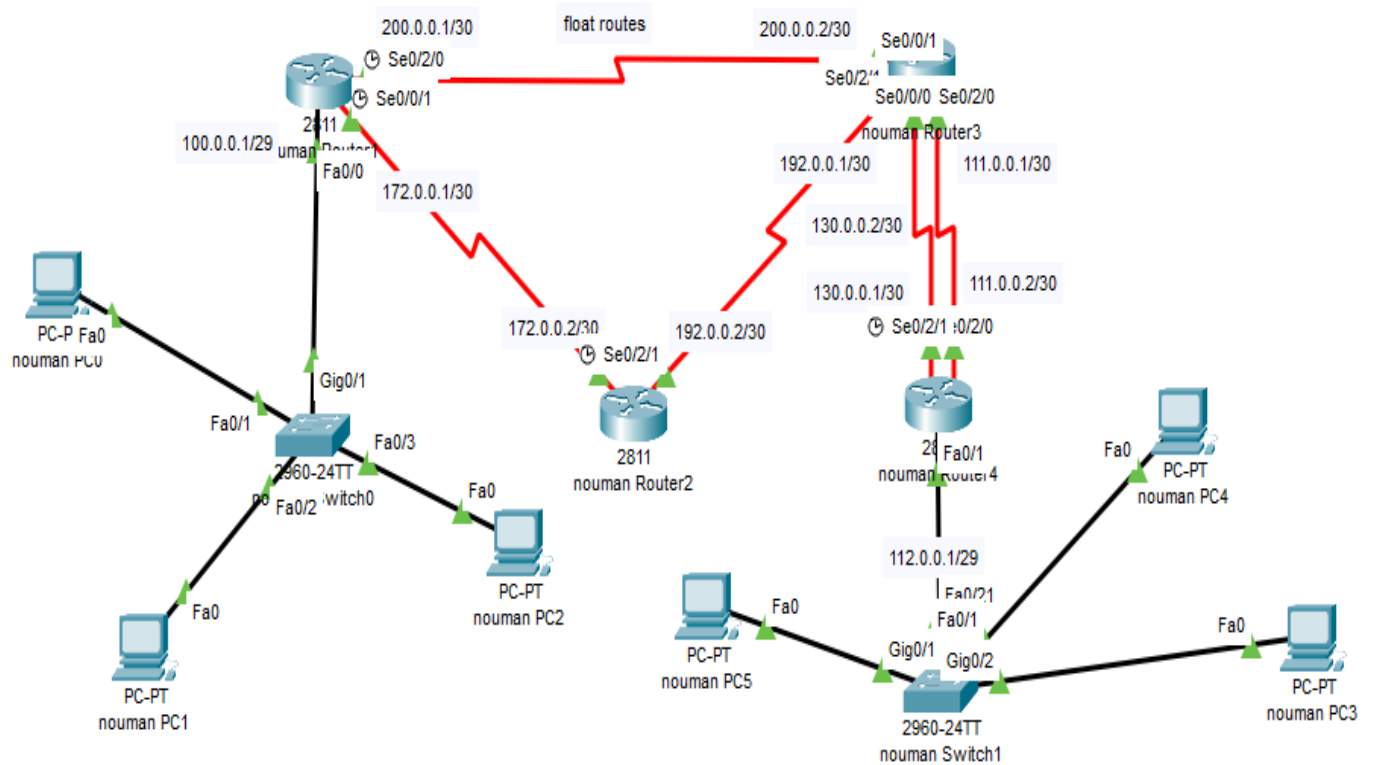
# Router1

Physical    Config    CLI    Attributes

IOS Command Line Interface

```
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B -
BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS
inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route

Gateway of last resort is not set

     100.0.0.0/29 is subnetted, 1 subnets
C       100.0.0.0 is directly connected, FastEthernet0/0
     111.0.0.0/30 is subnetted, 1 subnets
S       111.0.0.0 [5/0] via 200.0.0.2
     112.0.0.0/29 is subnetted, 1 subnets
S       112.0.0.0 [1/0] via 200.0.0.2
     130.0.0.0/30 is subnetted, 1 subnets
S       130.0.0.0 [10/0] via 200.0.0.2
     172.0.0.0/30 is subnetted, 1 subnets
C       172.0.0.0 is directly connected, Serial0/0/1
     192.0.0.0/30 is subnetted, 1 subnets
S       192.0.0.0 [1/0] via 172.0.0.2
 --More--
```

Ctrl+F6 to exit CLI focus                    Copy        Paste

☐ Top

Physical    Config    CLI    Attributes

IOS Command Line Interface

```
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B -
BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS
inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route

Gateway of last resort is not set

     100.0.0.0/29 is subnetted, 1 subnets
S       100.0.0.0 [1/0] via 172.0.0.1
     111.0.0.0/30 is subnetted, 1 subnets
S       111.0.0.0 [15/0] via 172.0.0.1
     112.0.0.0/29 is subnetted, 1 subnets
S       112.0.0.0 [1/0] via 172.0.0.1
     130.0.0.0/30 is subnetted, 1 subnets
S       130.0.0.0 [20/0] via 172.0.0.1
     172.0.0.0/30 is subnetted, 1 subnets
C       172.0.0.0 is directly connected, Serial0/2/0
     192.168.0.0/30 is subnetted, 1 subnets
C       192.168.0.0 is directly connected, Serial0/2/1
 --More--
```

Ctrl+F6 to exit CLI focus                    Copy        Paste

☐ Top

Router3

Physical    Config    CLI    Attributes

IOS Command Line Interface

```
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B -
BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS
inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route

Gateway of last resort is not set

     100.0.0.0/29 is subnetted, 1 subnets
S       100.0.0.0 [1/0] via 192.0.0.2
                  [1/0] via 200.0.0.1
     111.0.0.0/30 is subnetted, 1 subnets
C       111.0.0.0 is directly connected, Serial0/2/0
     112.0.0.0/29 is subnetted, 1 subnets
S       112.0.0.0 [5/0] via 111.0.0.2
     130.0.0.0/30 is subnetted, 1 subnets
C       130.0.0.0 is directly connected, Serial0/0/0
     172.0.0.0/30 is subnetted, 1 subnets
S       172.0.0.0 [1/0] via 192.0.0.2
                  [1/0] via 200.0.0.1
 --More--
```

Ctrl+F6 to exit CLI focus                              Copy        Paste

☐ Top

## Router4

Physical    Config    CLI    Attributes

### IOS Command Line Interface

```
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B -
BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS
inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route

Gateway of last resort is not set

     100.0.0.0/29 is subnetted, 1 subnets
S       100.0.0.0 [35/0] via 111.0.0.1
     111.0.0.0/30 is subnetted, 1 subnets
C       111.0.0.0 is directly connected, Serial0/2/0
     112.0.0.0/29 is subnetted, 1 subnets
C       112.0.0.0 is directly connected, FastEthernet0/1
     130.0.0.0/30 is subnetted, 1 subnets
C       130.0.0.0 is directly connected, Serial0/2/1
     172.0.0.0/30 is subnetted, 1 subnets
S       172.0.0.0 [25/0] via 111.0.0.1
     192.0.0.0/30 is subnetted, 1 subnets
S       192.0.0.0 [15/0] via 111.0.0.1
 --More--
```

Ctrl+F6 to exit CLI focus                    Copy        Paste

☐ Top