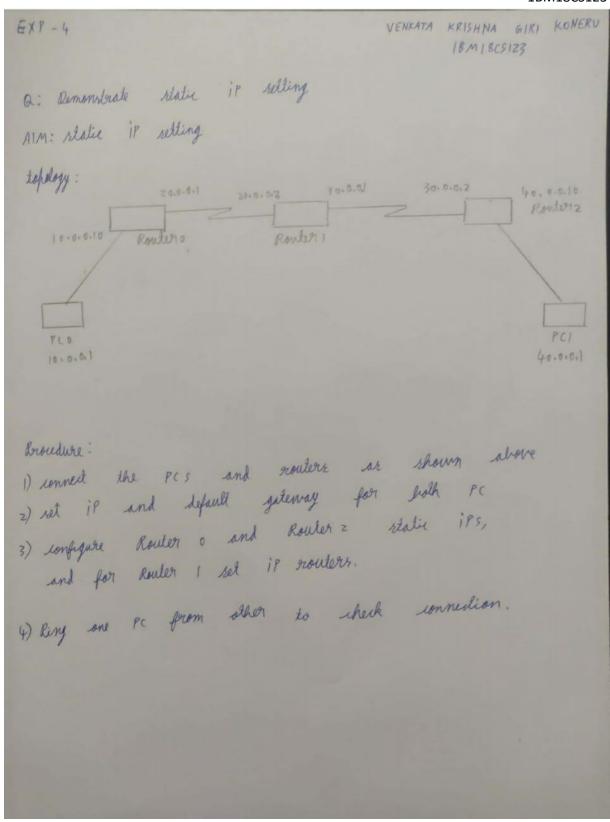
## 1BM18CS123



CLI commands

1) enable

2) config t

3) interfole fort ethernet 0/0

4) iP advers 10.0.0.10 255.0.0.0

5) il groute 0.0.0.0.0.0.0 20.0.0.2

6) show ip groute

7) no shut

1) The parkels from render to reciever is parted through Rouler

2) Even though we didn't gover the growten reprifically, the default nowten allocated for sending data.

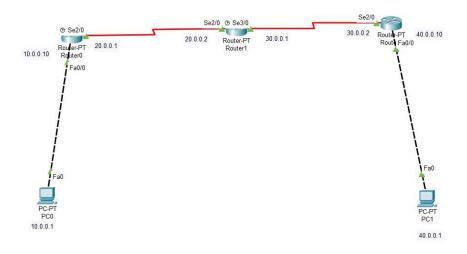
## **SCREEN SHOTS:**

```
Router>enable
Router#congif t
% Invalid input detected at '^' marker.
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config) #ip route 0.0.0.0 0.0.0.0 20.0.0.2
Router(config) #exit
Router#
%SYS-5-CONFIG I: Configured from console by console
Router#show ip route
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 20.0.0.2 to network 0.0.0.0
    10.0.0.0/8 is directly connected, FastEthernet0/0
     20.0.0.0/8 is directly connected, Serial2/0
S* 0.0.0.0/0 [1/0] via 20.0.0.2
```

Ctrl+F6 to exit CLI focus

```
55 50
Router(config-if)#
Router(config-if) #ip route 0.0.0.0 0.0.0.0 30.0.0.1
Router (config) #exit
Router#
%SYS-5-CONFIG I: Configured from console by console
show ip route
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 30.0.0.1 to network 0.0.0.0
     30.0.0.0/8 is directly connected, Serial2/0
C
     40.0.0.0/8 is directly connected, FastEthernet0/0
S*
     0.0.0.0/0 [1/0] via 30.0.0.1
Router#
```

## TOPOLOGY:



```
Router(config-if)#
Router(config-if) #ip route 0.0.0.0 0.0.0.0 30.0.0.1
Router (config) #exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
show ip route
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
       \star - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route
Gateway of last resort is 30.0.0.1 to network 0.0.0.0
     30.0.0.0/8 is directly connected, Serial2/0
     40.0.0.0/8 is directly connected, FastEthernet0/0
C
S*
    0.0.0.0/0 [1/0] via 30.0.0.1
Router#
```

## **RESULT:**

