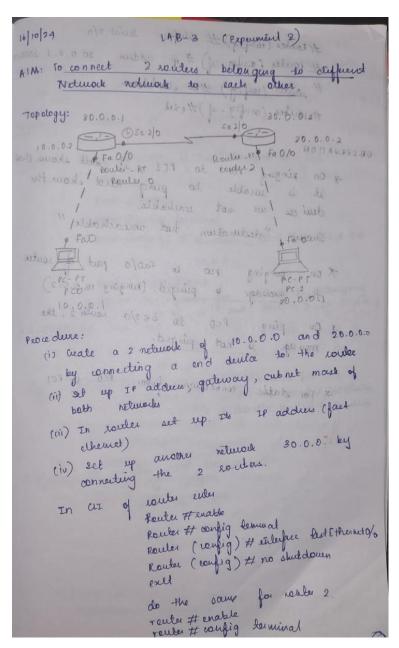
Observation Book:



```
# fouter (config ) ## interface Social 2/0

## fouter (config ) # ip addum 30.0.0.1 200000

# souter (config ) # to sturbdown.

# souter (config ) # to sturbdown.

# souter (config - of) # exist.

OBSERVATION:

** On pinging PCO to PC1, it with show the devices are not reachable.

Shows - "dedus alion had unreachable"

** On pinging PCO to fab/o part of souter the message is pinged (ringing 10.0.0.2)

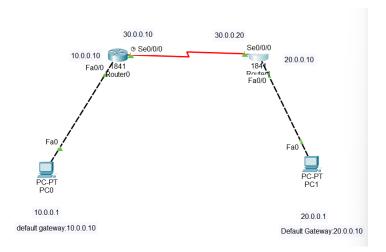
** On ping PCO to Se2/0 souls 2, the message is not pinged.

** For static connection from PCO to PC1

** For static connection from PCO to PC1
```

16 10 EXP-3 MM configue default voute, state a route configure static connection to soute. Topology: Same as Experiment -2 Procedure: * Go to CII of router of and in CII enler Route # enable Lowle # config ternional loute (Kenjig) # ep soute 20.0.0.0 255,0.00 30.0.0.2 Rouler (config)#exil + legeal the same for router 0 by changing 20 to 10 and 30.0.0.2 to 30.0.0.1 OBSCRVATION. In cut of such as the paint of of the P.C. # show ip soute s 10.0.0.0/8 [1/0] wa 30.0.0.1 C 20.0.0 0/8 is due obly connected, fact Ellandy's and pursu archiver bus at and terror of appropriate unwestern cakles. Outputs on pinging and devices, the also route au also look (serific) of ep soule is 0.00 o 250,000

Topology:



Output:(Before Static Routing)



```
Physical Config Desktop Programming Althouses

Command Prompt

Cisco Facket Tracer PC Command Line 1.0
C:\pinging 10.0.0.10 with 32 bytes of data:
Reply from 10.0.0.10: bytes=32 timetimetime TTL=255
Reply from 10.0.0.10: bytes=32 timetimetimetimetimetimetimetimetimetimetimetimetimetimetimetimetimetimetimetimetimetimetime
    time
    time
```

(After Static Routing)

```
Physical Config CLI Attributes
                   NI - OSFP NSSA external type 1, N2 - OSFP NSSA external type 2
EI - OSFP external type 1, E2 - OSFP external type 2, E - EGP
1 - TSF external type 1, E2 - OSFP external type 2, E - EGP
1 - TSF external type 1, E2 - OSFP external type 2, E - EGP
2 - Candidate default, U - per-user static route, 0 - OOR
P - periodic downloaded static route
         10.0.0.0/8 is directly connected, FastEthernet0/0 30.0.0.0/8 is directly connected, Serial0/0/0
Routerfenable
Routerfenable
Routerfenable
Routerfconfig terminal
Enter configuration commands, one per line. End with CNTL/2.
Router(config) fip route 20.0.0.0 255.0.0.0 30.0.0.20
Router(config) fexit
Routerf
STYS-S-CONFIG_I: Configured from console by console enable
   Sateway of last resort is not set
              10.0.0.0/8 is directly connected, FastEthernet0/0 20.0.0.0/8 [1/0] via 30.0.0.20 30.0.0.0/8 is directly connected, Serial0/0/0
                                                                                                                                                                                                                                 Copy Paste
       aply from 10.0.0.1: bytes=32 time=17ms TTL=126
aply from 10.0.0.1: bytes=32 time=ims TTL=126
aply from 10.0.0.1: bytes=32 time=ims TTL=126
aply from 10.0.0.1: bytes=32 time=ims TTL=126
      ing statistics for 10.0.0.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
pproximate round trip times in milli-seconds:
Minimum = lns, Maximum = 17ms, Average = Sms
       eply from 30.0.0.20: bytes=32 time<1ms TTL=255
      Ing statistics for 30.0.0.20:
Packets: Bent = 4, Roceived = 4, Lost = 0 (0% loss),
pproximate round trip times in milli-seconds:
Minimum = Oms, Maximum = Oms, Average = Oms
```