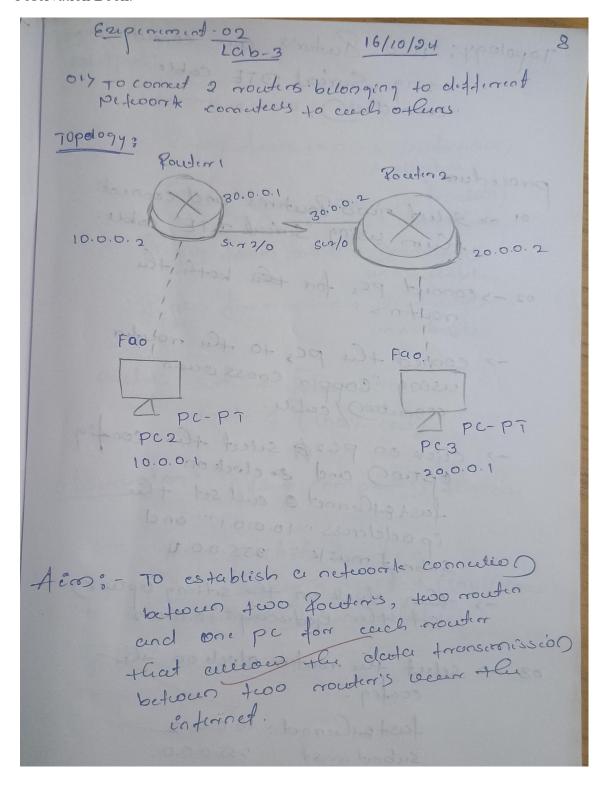
## Observation Book:



Topology: Two Ruter's are consulted using Serical OTE Cable connected.

procedure;

- or -> Select Two Pouter's and connects them using "Serical OTE" eable.
- 02, -> connect pc, for the both the
  - -> comed the pc, to the router using "copper cross occur" connected cuble.
  - option and select the config option and selection fust etherned o and set the ipadelness "10.0.0.1" and subnet mask" 255.0.0.D.
  - -> thus chuck on the setteng coption set the gatecoay: 10.0.0.2
- 03. -> Select the roctor elockon the confeq.

fast externet: 10.0.0.2 subord mast: 255.0.0.0.

Serial 2/0: 30.0.0.2 255.0.0.0

cauped: \$pong 20.0.0.1 Pepuy Aron 10.002 Destencio Reply from 10.0.0.2 Destancelos) Legey from 10.0.0.2 Destorales un reachable Reply from 10.0.0.2 Destonates un rechelole pachets: send - + , Reen +0. 105+= 4 (1001/100) obscructer: After computer) Ales ces may: puchets: sont = 4,

Revero lost: 4 (100/1001).

Emperement - 3. Aim: Sucrestiery connided too refcoorte using 200 router, Topology: Two Rowler's are consuled using Surfal DTE cabu conutid procedure: 1. sud Router and clide on ct I option, ip route épacloness subnet mest - ip route 10.0.0.1 255.0.0.0 30.0.0.2

( Powder 1)

- ip route 20.0.0.1 255.0.0.0. 30.0.0.1

( Powder 2),

obstruction: - suessier connected too

\$ ping 20.0.0.1

Profing.

endpud: pmg 20.0.0.1

prograg 20.0.0.1 with 22 bytes of docter.

Teper from 20.0.0.1: byts

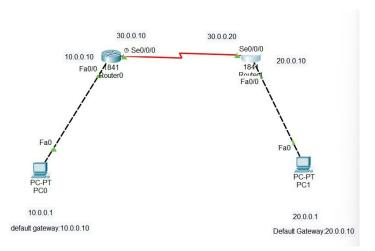
\$ show ip south.

c: 30.0.0/8 is direct connected,

c: 10.0.0.0/8 is directly consided,

S: 20.0.0.0/8 E1/0] uca 30.0.0.2

## Topology:



## Output:(Before Static Routing)



```
Physical Config Deskipp Programming Alinbudes

Command Prompt

Cisco Packet Tracer PC Command Line 1.0
Civping 10.0.0.10 with 32 bytes of data:

Reply from 10.0.0.10 with 32 bytes of data:

Reply from 10.0.0.10 bytes=32 time<ims TTL=255
Reply from 10.0.0.10 in bytes=32 time<ims TTL=255
Reply from 10.0.0.10 bytes=32 time<ims TTL=255
Reply from 10.0.0.10 bytes=32 time<ims TTL=255
Reply from 10.0.0.10 bytes=32 time<ims TTL=255
Reply from 10.0.0.20
Pinging 30.0.0.20
Pinging 30.0.0.20 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Reply from 10.0.0.10 bytes=10 data:
Reply from 10.0.0.10 bytes=10 data:
Reply from 10.0.0.10 bestination host unreachable.
```

## (After Static Routing)

