Observation Book:

(ab # 2 (9/10/24) A: configure IP Addresses to a single router in packet trace Alm! To create a network consisting of 2 PCs connected to a router. This connection will nelp obsence the behavior of transmission was noute Routes-Pl pefault Cratava Default Gateway of PCS are connected to a route copper cross-ones ethernet cables she educate configured with gateway 10.0.0.1 1P addres: 10.0.0.10 configured with gateway 20.0.0.1 10 addres: 200.0.10 olnterace Fa 0/0 Connected to FCO Pouto: 1 paddress: 10.0.0.1 -Interface fallo comected to PCY 1 addness: 20.0.0.1 Procedue:

P70-)

- 1. One router: generic and temo PCs calso generic) are selected and placed on the screen.
- Detween pco and nouter, as well as between pco and nouter, as well as
- 3. We add label with IP address 10.0.0.10 and default gateway 10.0.0.1 under Pco libeurst, add label with IP address 20.0.0.1 and default gateway 20.0.0.1
- 4. We click on the PCs to navigate to fastethant to write the gateway, click on subnet most and close it.
- s. As well as, go to seltings for each of the PCs and enter the gatway.
- 6. Now dick on router and navigate to CLI. Run the following commands:

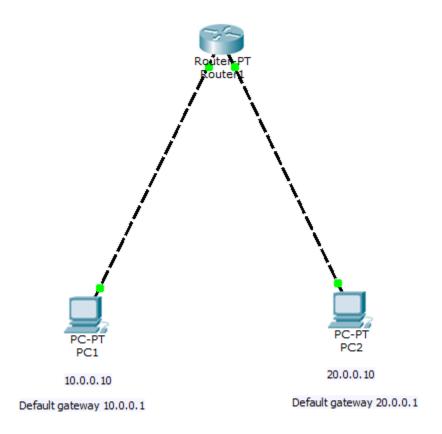
enable config terminal interfact fastethernet of ip address 10.0-0-1 255-0-0-0 no shutdown

merface fastethent you in address 20.0.0.1 nrs.0.0.0 no shutdown

7. Nowigate to command prompt and pring. PCI from PCO and PCO from PCI.

Observation ! -1. ping results: The 2 pcs are connected to each other. IP route: codes: C-connected, s-sterre, I-IORP, R-RTP H-mobile, B-BAP, D-ElOFP, EX-ElGRP externel, 0-OSPF, IA -OSPF inner area, NI - OSPF NSSA external type &, N2-OSPF NSSA external type 2 EL - OSPF external type 1, £2-05PF external type 2, E- ECIP 1-15-15, Li-15-15 level-1, L2-15-15level-2, 19-15-115 inter and, +\_ (andidate default) U-per-us static route, 0-OPP, p-poriadic alounload Static mute 10.0.0.010 is derectly conreled, Fastethoned of 20.000/0 is directly cometed, tastefinat 1/0

## Typology:



## Output:

```
₱PC1

                                                             ×
                   Desktop
Physical
          Config
                             Custom Interface
 Command Prompt
                                                                 Χ
  PC>ping 20.0.0.10
  Pinging 20.0.0.10 with 32 bytes of data:
  Reply from 20.0.0.10: bytes=32 time=0ms TTL=127
  Ping statistics for 20.0.0.10:
      Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
  Approximate round trip times in milli-seconds:
     Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

