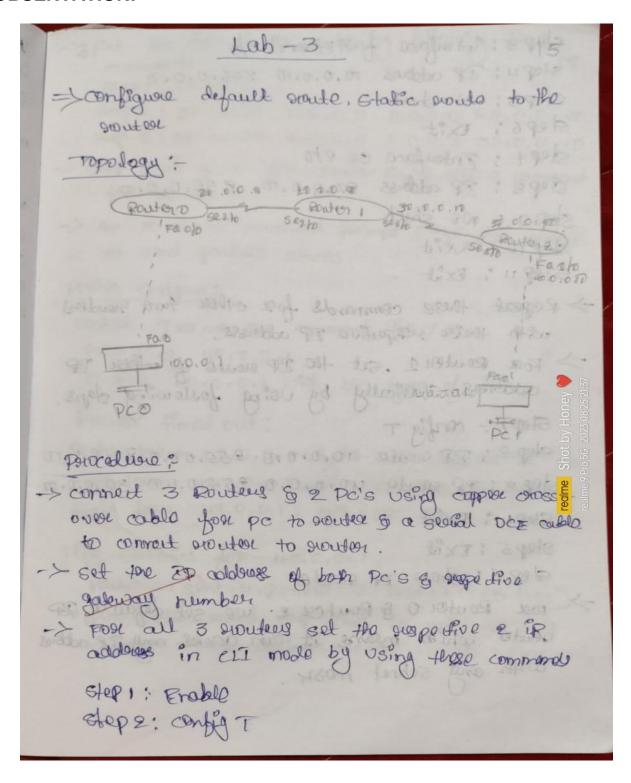
LAB 3

Configure default route to the Router.

OBSERVATION:



Heps: interface fort thereof 0/0

Hopu: Ex address 10.0.0.00 255.0.000

Steps: No shut

Steps: Exit

Steps: Thereface se 2/0

Steps: Thereface se 2/0

Steps: The address 20.0.0.00 255.0.000

stop 9: No shut stop 10: exit

-> Repeat these commands for other two souders with their suspective DP address.

> Food Router 1. Set the 20 monte of other 200 address statically by using following steps.

Step 1: - config T

step 2; 28 mute 10.0.00 255.00.0 20.0.000 step 3: 78 mute 40.0.00 255.00.0 30.0.0.0

Step 41 Exide a subsection of sold sides

Step 5 : Exit mount of mation of

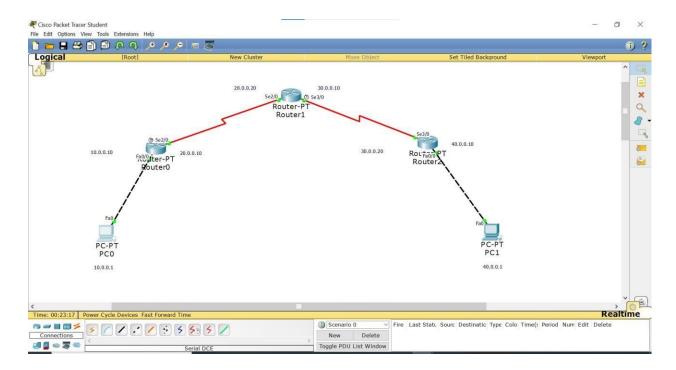
Step 6; show RP soute

From Router of grouter 2 we set default 20 anough which means it can access any ZP address with any sobret mask.

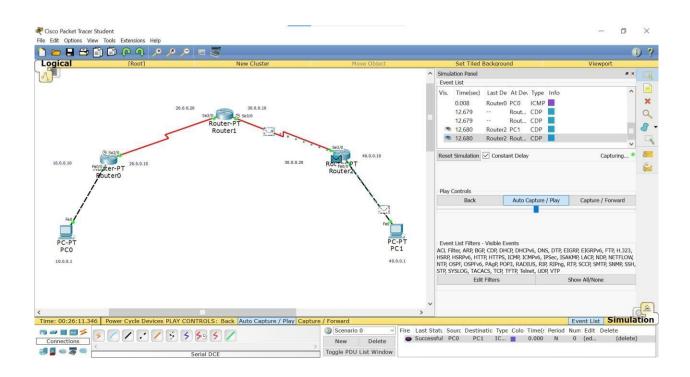
-> Set too default PP soute by following these. commands Stept: config T Stop 2: 28 aprile 0,0,0,0 0,0,0 20,0,0, 80 dep 3: 22 evoule 0.0.0.0 0.0.0.0 30,0.0.10 -> step 2 is given for pouter o & step 3 command foor Router 1 -> Go to PC'S command good of type ging message to send packets across. PING Output; Packet Tracus po command Une 1.0 PC> Ping 40,0,0,1 Pinging 40.0.011 with 32 bytes of data: Reguest fined out: Reply from 40.0,0,1: bytes = 32 fro = 82 TIL = 1955 Papely John 40.0.0.1 ; bytes = 32 fine = 16ms TIL = 118; Deply from 40.0.0.1; bytes = 32 time = 2 ms 172 = 125 Ping statistics for 40,0,0,1: Padades 1 sent=4, Revived=3 lost=1 (25% loss) appeaximate sword sup times in milli-seconds minimum = 2ms, maximum = 16 ms, Average = 6 ms

obsovation: -> A default soute is the soute which takes effect when no other soude is available for an & address destination. -> 84 a packet is seconed, the Levices foot their the 8P destination foldbress, if the destination adoption is not local the device checks its stouting table -> 2/ tere sumote distinction sobred às not list. then the garket is formwooded to too rest at hop toward the destination using the default aoute -> the perous siepeats with the parties is allingers whole to said as this 10.0 for billing ER IN LANGOUTH SET BANK THE WAY ME THE METER HIS 281 - 11 2100 x Daily 25 20 20 40 1 1 1 10 10 11 1 1100 Date from 100 0.0.1; pla = 30 the = 200 mag 1.0.0.011 Pol soleties Rais gradeles sent en poured 3 instal (Com. los of the first of the first in milli-se

TOPOLOGY:



OUTPUT:





Physical

Config

Desktop

Custom Interface

Command Prompt

```
Packet Tracer PC Command Line 1.0
PC>ping 40.0.0.1
Pinging 40.0.0.1 with 32 bytes of data:
Request timed out.
Reply from 40.0.0.1: bytes=32 time=2ms TTL=125
Reply from 40.0.0.1: bytes=32 time=16ms TTL=125
Reply from 40.0.0.1: bytes=32 time=2ms TTL=125
Ping statistics for 40.0.0.1:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 16ms, Average = 6ms
PC>ping 40.0.0.1
Pinging 40.0.0.1 with 32 bytes of data:
Reply from 40.0.0.1: bytes=32 time=21ms TTL=125
Reply from 40.0.0.1: bytes=32 time=9ms TTL=125 Reply from 40.0.0.1: bytes=32 time=2ms TTL=125
Reply from 40.0.0.1: bytes=32 time=4ms TTL=125
Ping statistics for 40.0.0.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 21ms, Average = 9ms
PC>
```