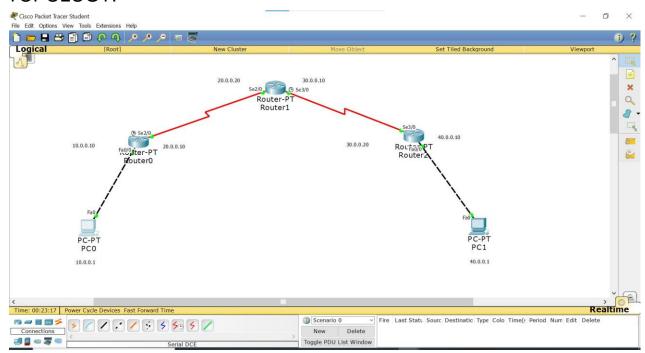
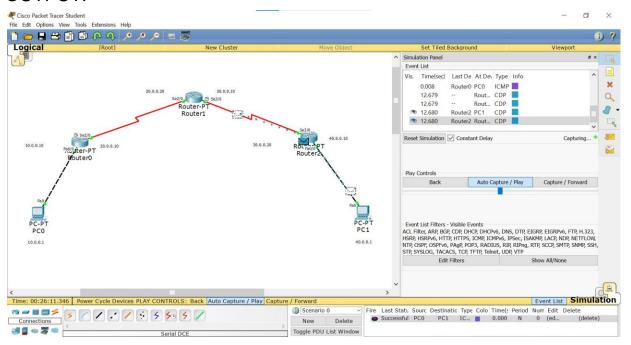
WEEK 3
Configu
re
default
route,
static
route to
the
Router

Configure default route, static route to the Router.

TOPOLOGY:



OUTPUT:





Physical Config Desktop Custom Interface

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

```
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

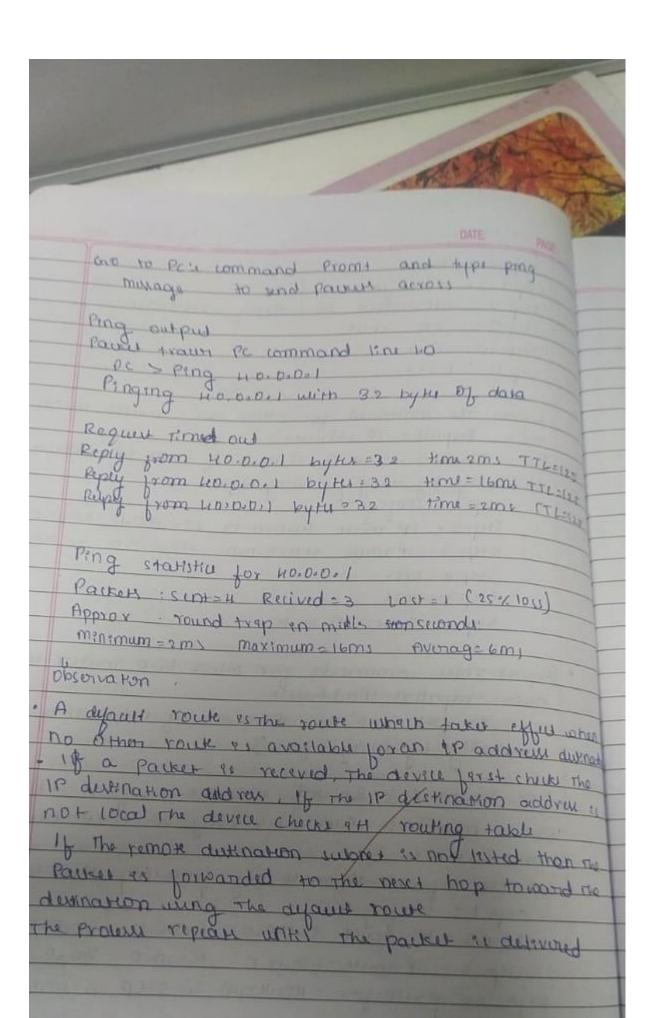
PC>ping 40.0.0.1

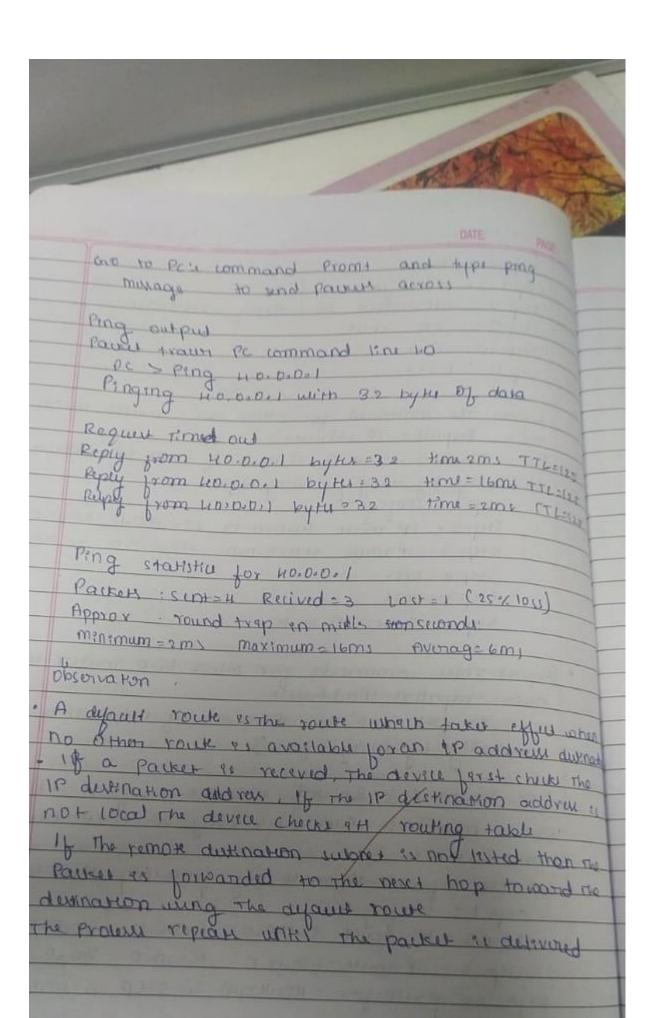
Pinging 40.0.0.1 with 32 bytes of data:

Reply from 40.0.0.1: bytes=32 time=2ms TTL=125
Reply from 40.0.0.1: bytes=32 time=4ms TTL=125
Reply from 40.0.0.1: bytes=32 time=4ms TTL=125
```

Observation:

PC>





DATE 13/7/23/2 Aim configure default route, state rout to the Rauto Topology 20.0.0.20 10:0:0:10 ROUNT-X) 40-0-0-10 PC-PT Producos . connect 3 Router and 2 PC's wing copper cross TOVER caple for PC to router and a social pc E Cable to compet router to router · set The IP address of both Pers and respetive gakway number For AN 3 Routon set the Respective 2 18 address In CLI mode by wing the cammands Step 9: config T ty 3: Interface for Ethernet 0/0 SHIP 4 1 1 Paddown 10

als se supporter a Egypt 2 Step 9: 18 oddrew 20.0.0.10 255.0.0.0 Step 11 : Exel Repeat the command for other two youter with · Bor Router 1. Su the 18 yours of other 18 address. Statically by ming following steps Steps: 18 route 10.0.0.0 0 255.0.0.0 20.0.0.10 5 ty 3: 18 rouse 4000.000 255.0.00 30,00.20 steps: exet Step 6: snow IP route Repeat They commands for other two rower with Their respective thaddrens FOR ROLLIET Set the IP TOUTH Of OTHER IP oddress statically by using follow For Router 0 & Router we set dejant 19 yours which means it can acest any isaddress with any supper mark ses the default IP route by following this command T popular: 1 ques CHOR: 1P route 0.0.0.0 0.0.0.0 2010.0.20 SKP 3. 16 LONK DOD DO DO DO 30.000 30.0000 browners & gitz is a rollog 101 College

well request for an is oddrew are successfully guy The OHER request also sets the IP address Repeat this steps for other 2 Pc's to and a painer across par go to par comme Prompt and type peng delination is address Pring output Padeet traces pe command lene to PC > Pang 10.0.0.3 Peng 10.0.8.3 with 32 bytes of data Peply from 10.000.3 byth = 32 time = Oms TTL=120 Pipily from 10.003 bytu=32 time=oms TIL=10 from 10:0.03 bythe = 32 time: om: [7] =100 from Lo. 0.0.3 byta = 32 time = Don's TILiles peng statistice from 10.0.0.3 Parkett: sont-4. Recivedaly closted CO-21051 Approximate round trap time an malli secondy menemum = oms, maxemum = ims Avinage = om; Observation. OHEP ES used to dynamically align an is oddry to any device or node It is a cult - xxver protocal to which sixvers manage a pool of unique 10 address & also about Elient configuration parameter DHCP enabled client sends a request to DHCP server when they want to connect to a network The OHCP Server responds to the cleent riguest by proveding 10 confequention information

nettoork administrator spurified by a

