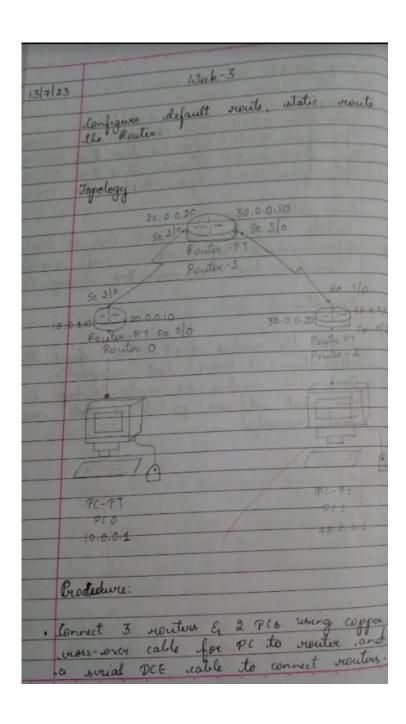
WEEK 3

Configure default route, static route to the Router

Observation book:



bet TP addresses of PCs and respective gateway numbers for nouters and CIT mode using following commands:

**Enable Config T

Sheriface fast there old

**TP address 10.0.0.10 255.0.0.0

No sheet

**Exit

**Sheriface se 210

**TP address 20.0.0.10 255.0.0.0

No sheet

**Exit

**Exit

**Pout

**Repeat the same address commands for atter 2 nouters with respective IP address

**Jon Router I set IP route of other IP address

**Config T

**TP noute 10.0.00 255.0.0.0 20.0.0.10

**TP noute 10.0.00 255.0.0.0 30.0.020

**Exit

**Shore TP noute

**Jon Router O & 3 we set default

**TP address

**Set default TP noute by following commands

Config T
10.0.0.0.0 20.0.0.0 20.0.0.0

TP route 20.0.0.0 20.0.0.0 30.0.0.20

To sent 26.0.0.0 20.0.0.0 30.0.0.20

Fout

Exit
Show TP soute

Jee to command frompt & type fing messages to send fackets.

Peng 20.0.0.1

Regury 40.0.0.1 with 32 bytes of date

Reply from 40.0.0.1 with 32 bytes of date

Reply from 40.0.0.1: dufter 32 time to 1

Rody from 40.0.0.1: bytes 40.0.0.1: bytes

observation:

A default violet is the violet retails part takes when no other violet is available.

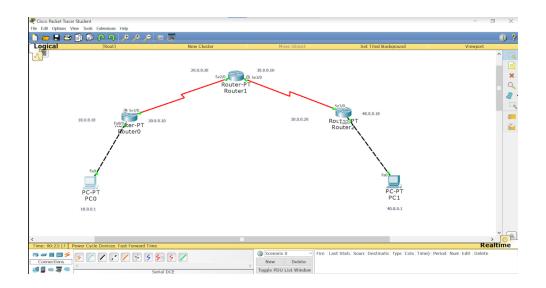
The a packet is received device first not found, it searches in the violet.

Af we note distination bubnet is not listed, the packet is forewanded to no route.

The towards destination residence is not disterned.

The process superate until the packet is delivered.

Topology:



Output:

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=2lms 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 = 2lms, Average = 9ms
PC>
```