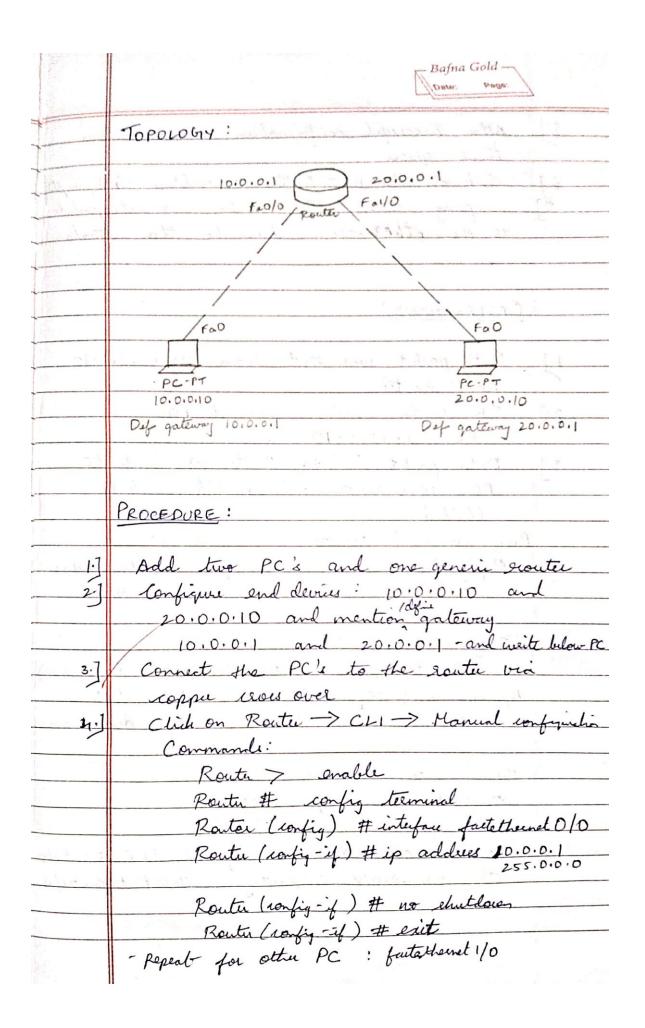
## Computer Networks: Lab Record Week 2

## **Experiment 2: Routers – Introduction and Configuration**

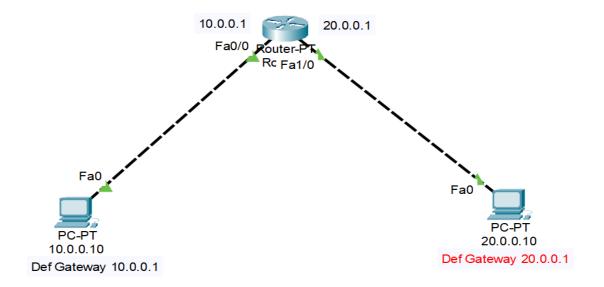
Configure IP address to routers in packet tracer to understand the working of routers in connecting devices of two different networks

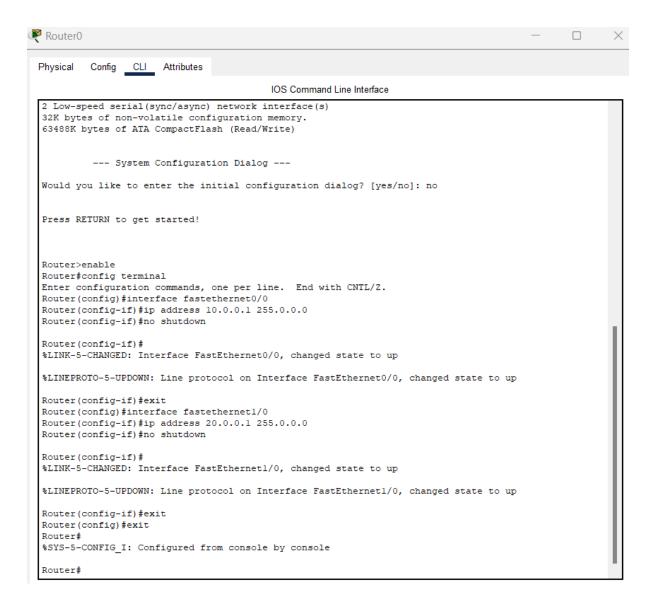
	74
9/10/24	LAB NO-2
	ROUTERS
-	Pore Esplanation:
	- Grenelie Route : 2 IP's
3000	- Place PC's - Differt IP's network is
	- Manual Pouter roufig!
Comman	ds - Inable
	# cofy teeminal
	- worfy # interfar
	- interfore fartathent of a of
1	- ip address 10.0.0.1 255.0.0.0
	- no shutdow
	exit.
	Route i Connecte two dilluset no truste
	Router: Connects two different networks
Sanskille.	A MARKET MARKET AND AND AND A TONING TO THE AND
	AIM: To configure IP address to conters
	in pachet trace. To demonstrate and
	understand the working of louters in
	connecting devices of two different networks



5:1	After succeeful configuration, the correction
6.]	tuens green  clish on PC 10.0.0.10 > Duliton > Cond prompt  ping 20.0.0.10 > to send data pould  to the other device from the other network
	OBSERVATIONS:
1.1	Data parlet was sent from PC 10.0.0.10 to router
2-1	The eoute sent the partit to PC 20.0.0.10
3-]	Pata partit bout to Router -> bout to PC 10.0.0.10 and a tick mark is blinked
	Ping command seculty were observed as: Reply from 20,0,0,10: byty=32 time=4ns
124	Pay statistics for 20.0.0.10;
9/10/2	Appear soul trip time in milli monte:
	Minimum = 4ms, Marinum = 4ms, Average=4ms
	Route # chour ip route
67.67	C 10.0.0.0/8 is diestly connected fact Ethant 0/0
	C 20.0.018 is dietly connected, Fact Exheut 1/0
	The same of the sa
	Of house when I do not to the thought

## Screenshots:





```
C:\>ping 20.0.0.10

Pinging 20.0.0.10 with 32 bytes of data:

Reply from 20.0.0.10: bytes=32 time<lms 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

C:\>
```



Physical Config Desktop Programming Attributes

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.0.0.10

Pinging 10.0.0.10 with 32 bytes of data:

Reply from 10.0.0.10: bytes=32 time<lms TTL=127

Ping statistics for 10.0.0.10:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 0ms, Average = 0ms
```