Q) Configure default route, static route to the Router.

Topology:



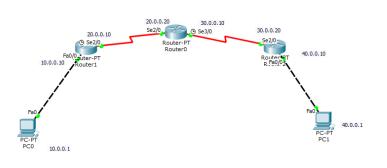
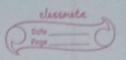
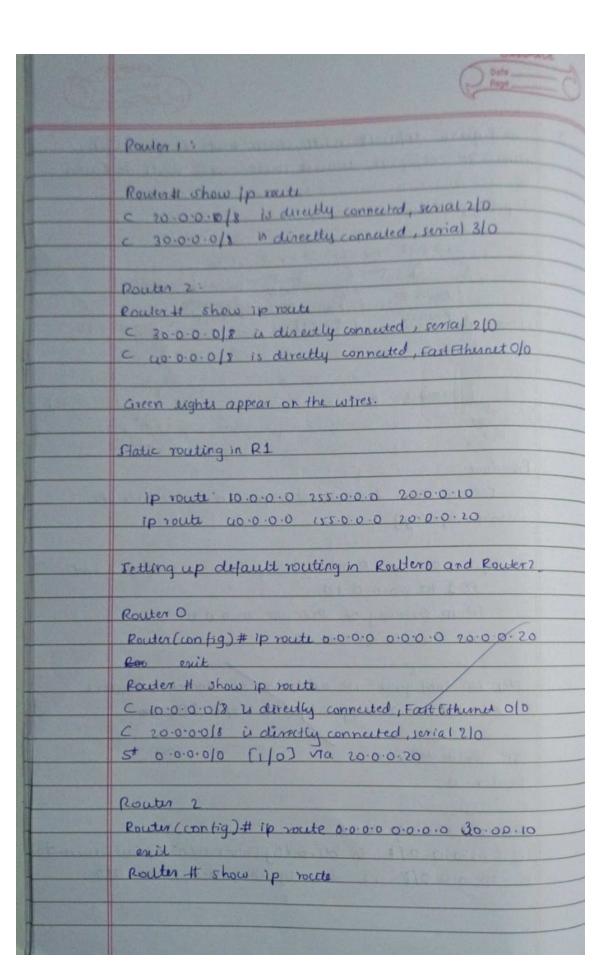
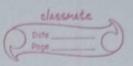


Fig: Default routing in router0



	Opto Page O
3.	configure default route, static route to the Router
	Aim: To configure default route, static route to Pouter
	Topology:
	20.0.0.10 20.0.0.20 20.0.0.10 se2/0
	taglo Faglo
	Rower-PT Rower-PT Rower-PT Rower-PT Rower-PT Rower-PT Love 0.10
	Mary America Value of the state
	\ F00
	10.0.0.1
	PC-PT PL-PT
	19 multing and t
	Procedure
	above topology
	Slip 5: Set up IP address of PCO to 10.0.0: 1 and PC2 to up.0.0.10
	Setup Gatiway of PCO to 10.0.0.10
	and PCI to 10.0.0.10
	step 6: Configure IP address of Routero, Router)
	and Router 2 using steps of expt 2B. to
	The state of the s
	IP Route table
	Router 0
miles.	Route # Show ip route
	c 10.0.0.0/8 is directly connected to fastethemet do
	c 20.0.0.0/8 is directly connected, serial 2/0

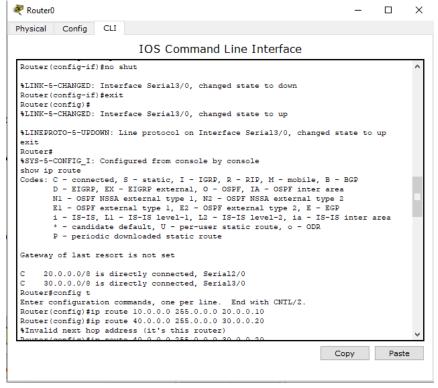


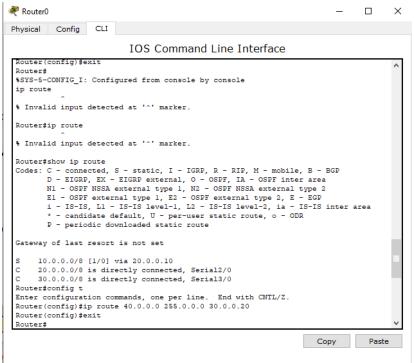


	classmate
	Dete Page
	C 30:0:0:0/2 - 1:1/
	C 30.0.0.0/8 is directly connected, smal 2/0 C 40.0.0.0/8 is directly connected Facts throat 0/0
	C 0.0.0.0[0 [1/0] Ma 30 0.0.10
	Ping output:
	PCO
	PC) ping 40-0-0-1
	Pinging 20.0.0. 1 with 82 bytes of data:
	Request timed out.
	Reply from 40.0.0.1: bytes=32 time=2ms TTC=125
	Reply from 40.0.0.1 , byles = 32 time = 2ms TTL = 125
	Reply from 40.0.0.1: byte=32 time-2ms TTL=125
	Ping Hatus for 40.0.0.1
	Packets: sent=4, Received=3, cost=1 (25% toss)
	Approximate round trip times in milli-swords:
	Marinum = 2ms, Minimum = 2ms, Average = 2ms
	Manuam - 275, Manufraum - 2115, Morage - 2115
	Observation:
	Through default routing we configure the network
	here boy and a second
	when we ping 'PCI to PCO first packet's
	Lost but after that all are transmitted.
	we don't have to set routing for each and
	every router marually here.
	2223
100	C All
	the springer by the second of
Mary Control	1 - December 1 - All Land - Continues of the land
9-31	Name of the state
100	

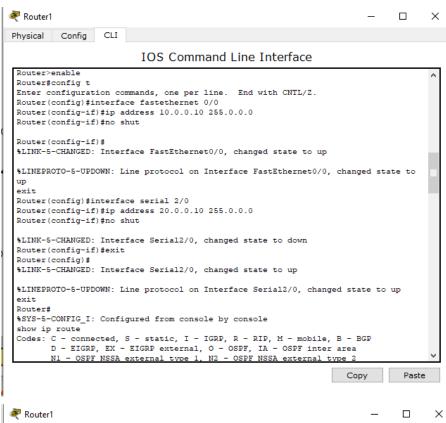
Commands:

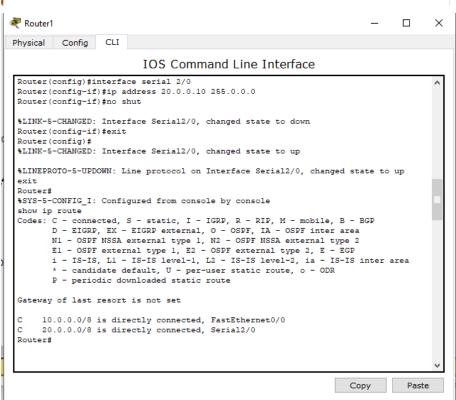
Router0



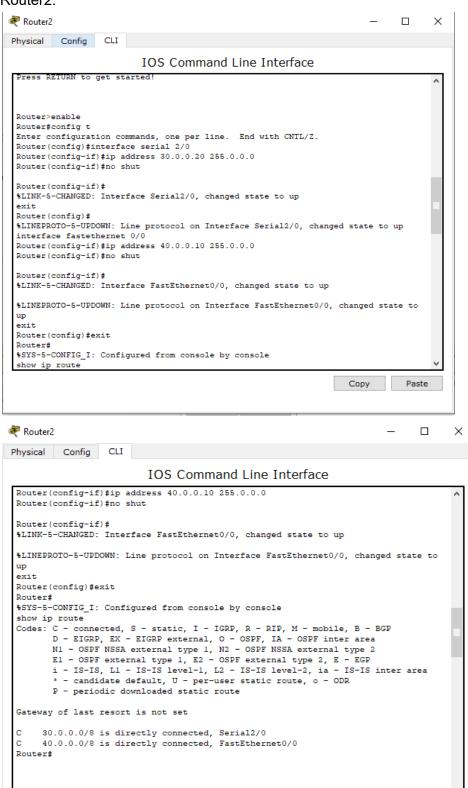


Router1





Router2:



Paste

Сору

```
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:
Reply from 10.0.0.10: Destination host unreachable.
Ping statistics for 40.0.0.1:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
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=7ms TTL=125
Reply from 40.0.0.1: bytes=32 time=2ms TTL=125
Reply from 40.0.0.1: bytes=32 time=25ms 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 = 25ms, Average = 11ms
```

```
Command Prompt
                                                                              Χ
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=7ms TTL=125
Reply from 40.0.0.1: bytes=32 time=2ms TTL=125
Reply from 40.0.0.1: bytes=32 time=25ms 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 = 25ms, Average = 11ms
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=12ms TTL=125
Reply from 40.0.0.1: bytes=32 time=9ms TTL=125
Reply from 40.0.0.1: bytes=32 time=22ms TTL=125
Reply from 40.0.0.1: bytes=32 time=19ms 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 = 9ms, Maximum = 22ms, Average = 15ms
PC>
```