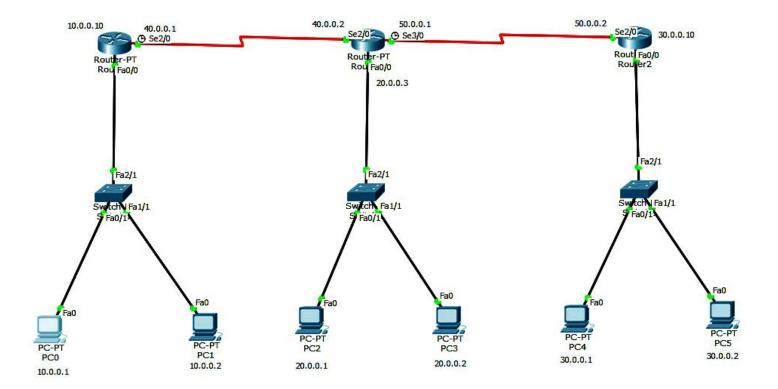


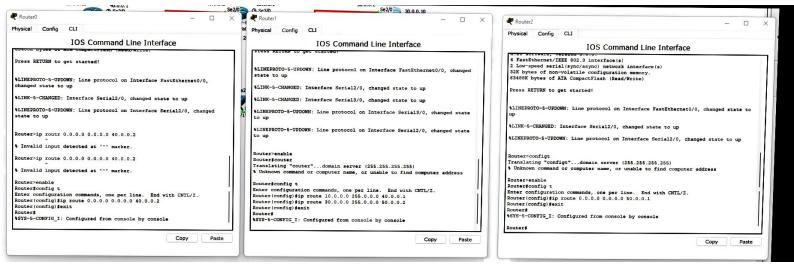
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	PROCEDURE:-
,	*) Place 3 roulers, 3 smitches and 6 PC
	unto the work station.
	* Connect & PCs to each suritch and
	each switch to each houser rising
	copper straight wire.
	connect all these routers to cachother
	using Serial raise.
	Set the IP address, Subnet mask,
_	and gateway from the config tab.
	*) Select router R1 Open its CCI and dos
	no - enable - interface fast ethernet go
	-> up address 10.0.0.10 ass.0.0.0 → no shut
	to islablish the connection between
_	PCI and nouter RI
	*) To establish the relation 10 No R2 and B
	open CIT of R, -> config t -> interface
	Serial 0/0 → ip address 20.0.0.1 255.0.0.0
	→no shut.
	*) Execute the Same commands with
	respect to the routers to establish
	the connections
	* Now that all connections are
	established make Rz as default for
	R1 and Ra as default for R3
	and teach router R3 the networks
	40 and 50 Series.
	*) To make R, as default for R, open CI
	-> îp mute 0.0.0.0 0.0.0.0 40.0.0.2
	*) To make R2 as default for R3 open

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	ciī of R3 -> ip route 0.0.0.0 0.0.0.0 50.0.0.1 *) To teach about and 30 network to Ra -> open clī of router R2 -> config t -> ip route 000 10.0.0.0 255.0.0.0 40.0.0.1
	*) To teach about and 30 network to Ra
	-> open c12 of router R2 -> config t ->
	ip route 00.0.0.0 255.0.0.0 40.0.0.1
	in unite 30.0.0.0 255.0.0.0 50.0.0.2.
	*) Ping one PC of a network from another PC Of different network.
	of dibterent network.
	OBSERVATION:-
	a all in attende anuter Ro anemot
	<u>tearning: - In this network router R2 doesnot</u>
	have a défault router, because
	Ri and R3 cannot become a défaut router
	Supposed to enter nuter R2 and go to
	Com go to
	R3 R1 as they are default.
	K3 K1 was well with sequences
	RESULT:- Command prompt of PCO
	ping & 20.0.0.2
	singing 20.0.0.a. with 32 bytes of data:
	request timed out
h	eply from d0.0.0.2: bytes=32 time=5ms TTL=126
h	ply from 00.0.0.2: bytes=32 time=5ms TTL=126
no	ply from 20.0.02: bytes=32 time=5ms TTL=126
r	ring Statistics for 20.0.0.2:
	packets: sent = 4, Received = 3, lost (25% loss),
	prox round trip time in mille second
	vinimum= ams, Maximum= 11ms Average=7ms.
	MULTIPLE TO THE TOTAL TO THE TOTAL T





40.0.0.1

Command Prompt

```
Packet Tracer PC Command Line 1.0
PC>ping 20.0.0.2
Pinging 20.0.0.2 with 32 bytes of data:
Request timed out.
Reply from 20.0.0.2: bytes=32 time=5ms TTL=128
Reply from 20.0.0.2: bytes=32 time=3ms TTL=126
Reply from 20.0.0.2: bytes=32 time=6ms TTL=126
Fing statistics for 20.0.0.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 3ms, Maximum = 6ms, Average = 4ms
PC>ping 30.0.0.1
Pinging 30.0.0.1 with 32 bytes of data:
Request timed out.
Reply from 30.0.0.1: bytes=32 time=2ms TTL=125
Reply from 30.0.0.1: bytes=32 time=10ms TTL=125
Reply from 30.0.0.1: bytes=32 time=11ms TTL=125
Ping statistics for 30.0.0.1:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 11ms, Average = 7ms
```