WEEK 2

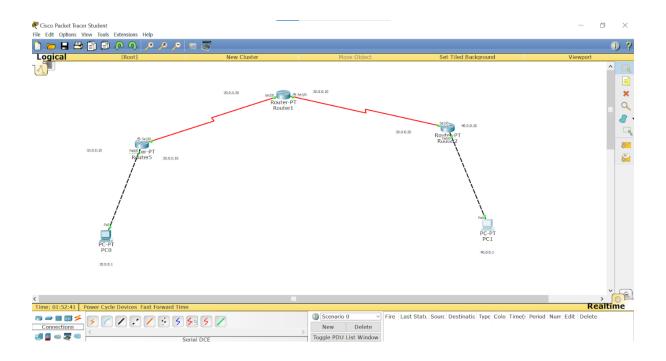
Configure IP address to routers in packet tracer. Explore the following messages: ping responses, destination unreachable, request timed out, reply

Observation book:

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28/c/25 2. 2. 2.	
31 Sonfigure SP addres to Explore the following:	a surgle nouter.
. Request timed out	
Japology:	6.6.50
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helect one generic now	tur and 2 generic
· belief one generic row PCs. Connect the PC to veross over calle. · bet the IP address and	
the config tale. To set It of mouters, following commands	and type the
9	

	Date J. J.
St.p 1 :	June 11 to the
Stop 2:	Type smalls from enter
Step 3	Figst config T Fast attribut 010 Set IP address, submit mask as (0.0.0.10, 250)
Step 4.	Set IP address, subject mask as 10.0.0.10, 250
Stip 5.	Type No shut and item exit. In order to see the connection status Type Show SP route. Rung 30.00.1 to send packets across in
	In order to see the connection status Type
	show SP route.
-	Ring 20.0.0.1 to send packets across in
	command frompt.
	, ,
	Output
	Pug 20.0.0.1
	Ringing 20.0.01 with 32 leyles of data
	Reguest timed with Regly from 20001 lights = 32 time = 10 ms The Regly from 20001 lights = 32 time = 10 ms The Regly from 20001 lights = 32 time = 10 ms There
	Reply from 20.0.0.4 lytes = 32 time = 10 ms Th
	Reply from 20.0.01 bytes = 32 time = 10ms Tters
	Reply from 20.0.0.1 lytes=32 time=10ms Ttley
	Ring statutes for 20.0.01 Packets: Sent = 4 Record = 3 Lest = 1 (25 1 leg)
	Packets: Sent - 4 Koccured - 3/ Lost - 1 (25 / Lost
	Affice sound trip times in millisconds . Hereman = Omo, Naumum = 10ms, Avorage = 3ns.
	Junimum - Ums, Janumum = 10ms, Avorage = 3ms
	Observation:
98.0	When distinction address is singed 29 bites
	When distinction address is pinged, 38 bytes get allocaled. The first 8 bytes gives informate about receive and addresses Rest are used for exercise packets to distinction address.
	about router and addresses Rest are und
	for sending packets to destination address.

Topology:



Output:

Packet Tracer PC Command Line 1.0 PC>ping 10.0.0.1 Pinging 10.0.0.1 with 32 bytes of data: Reply from 10.0.0.1: bytes=32 time=2ms TTL=125 Ping statistics for 10.0.0.1: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 8ms, Average = 3ms PC>

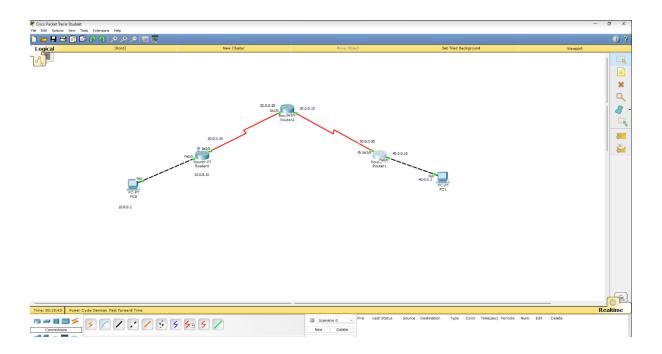
Observation book:

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2,2	Configure IP address to 3 realers - 1
- ;	distinction unwarfull
	requisi timed out
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	\$0.0.0.50 30,0-0.16
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	30 310
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	A SAME OF THE SAME
311	2 7 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Serve	10.0.0.1
Austra	Broadwa.
	Connect 2 PCs and 3 vouters rung copper cross over cable from PC to resulter and
Viel -) -	social cable to socitors.

建筑	Caté/_/_
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· bet IP address and gate · Jo but IP addresses person	m the fell
commands.	Car find .
Step 1 True malle	Manhandistal "
Stop & Jupe english T	ala
Step 3 Type interface fast athernal Step 4 Set IP address, Subnet mask	26 10.0.0.10 850
Step 3 Type english T Step 3 Type interface fast athernal Step 4 Set IP address, Subnet mash Step 5 Type no shul and then exit	as well as the
The sale and the sale	
Stop 6 Type interface sc 210	
Step 7 Jupe IP addresses subject .	mask, as 20.0.010, 22, 0.0
Step 8 Type no shut and then a	seit
	40 0 . 7
suff want TP aldwers	n other a nowing
· Repeat the steps and to	or the ping
Repeat these commands for with suspective IP addresses. Repeat the steps and to message to send packets	lo distination
addresses.	
0 + +	
Output:	
ping 40.0.0.1	
ging 40.0.0.1 with 39	bytes of data
Keply from 10.0.0.10: Plester	ration host removable
Roply from 10.00.10 . Autimo	tion host renerative
Reply from 10.00.10: Destina Reply from 10.00.10: Destina Reply from 10.00.10: Destina Request timed out	and the analysis
and the second of the second o	A 1650 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Parg statuta for 40.0.0.1 Packets: bent: 4 Received - 0	SUPPLY TO AND THE PARTY OF THE
Pachete bent: 4 Received - 0	Lost = 4 (100-1- des)

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	THE RESIDENCE OF THE PARTY OF T
	ping 10.0.0.1
1	Righty from 10.0.01 bytes 32 line 2 me TILISE, Righty from 10.0.01 bytes 32 line 2 me TILISE, Righty from 10.0.01 bytes 32 time 8 ms TILISE, Righty from 10.0.01 bytes 32 time 8 ms TILISE, Righty from 10.0.1 bytes 32 time 3 ms TILISE,
	Ring statistics for 10.0.0.1 Pockets bent 4, Received 4, Lost = 0 (01.100) Appea round trip times in milli scands
0_	off for secund they dead an melle broads. Hininum = Ins, Rasimum = 3ms, Average = 3ms
	Observation:
	when the roulers don't know about the destination addresses, host unvacibable. Once the routers are made to hop to the rout addresses, packets of data are sent successful.
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	and the second second

Topology:



Output:

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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.

Request timed out.

Ping statistics for 40.0.0.1:

Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

PC>
```