

ASSIGNMENT # 04

Name:

Hamna Khalid

Roll no:

110798

Subject:

Computer's Networking (CC-214)

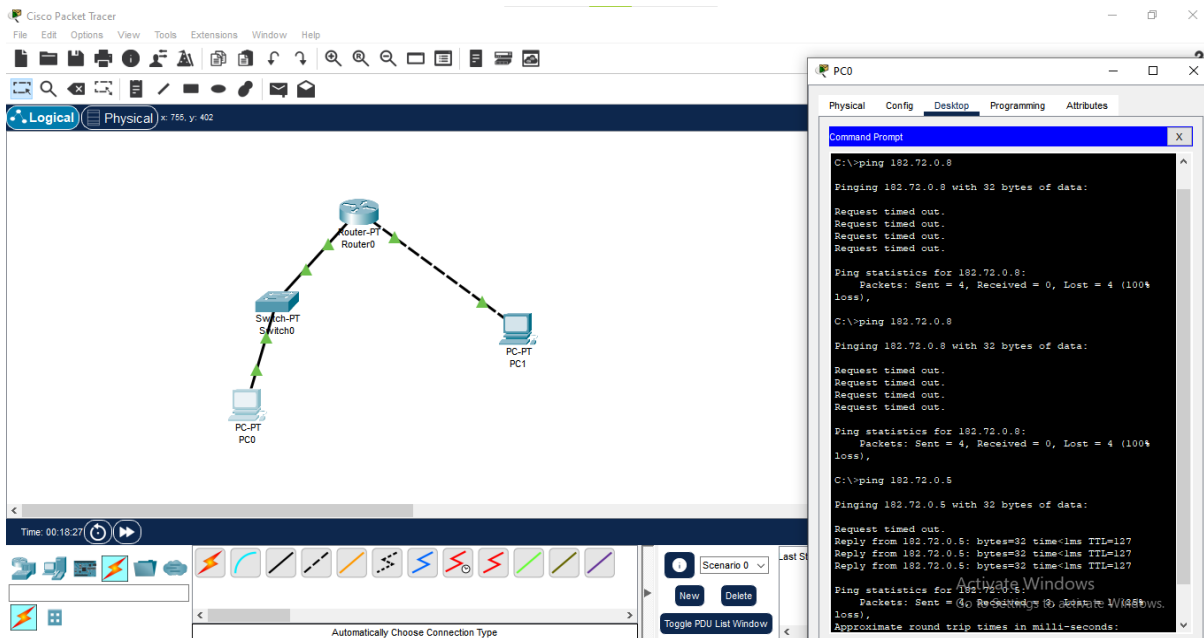
Submitted to:

Mam Sehrish Khan.

GOVT GRADUATE COLLAGE CIVIL LINES,
SHEIKHUPURA.

NETWORKS:

1:

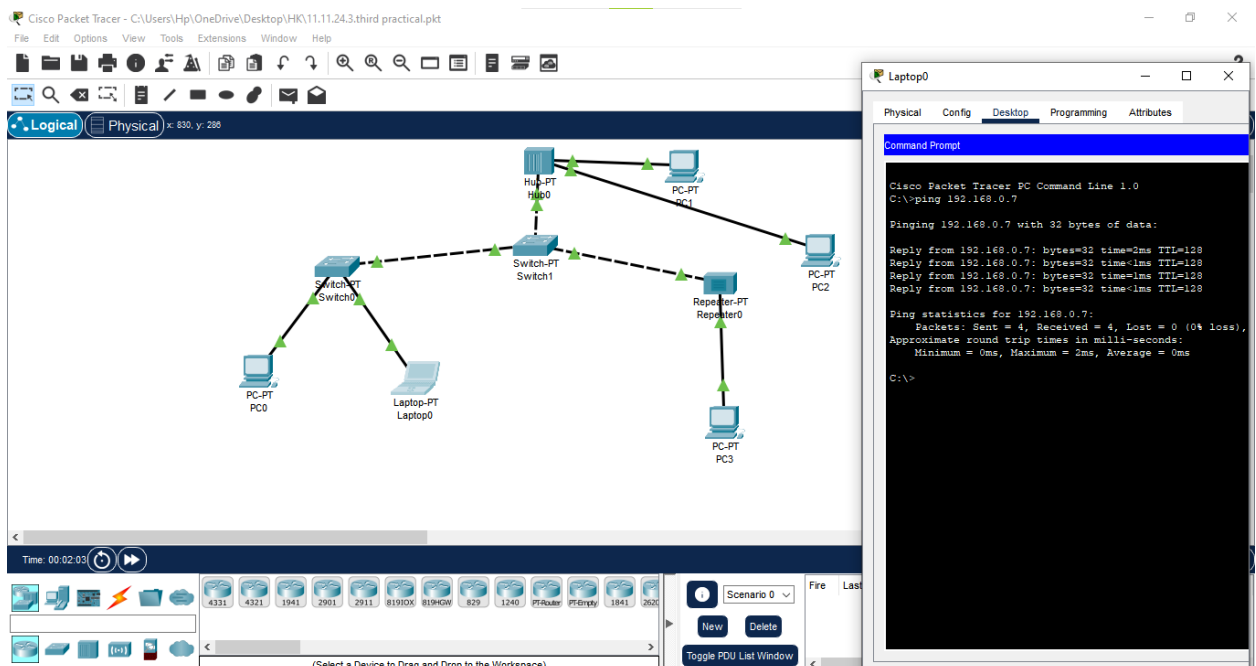


○ Procedure:

- Open cisco packet tracer.
- Create a file and click on logical button.
- Take one PC and take a switch and connect them with automatic wire,
- Now, take a router and connect it with switch with wire.

- Now, take another PC and connect it with router with wire.
- Give IP addresses to both PCs.
- Now, click on router and go to the config option.
- Then click on interface and configure it.
- After this, ping the first PC and get the result.

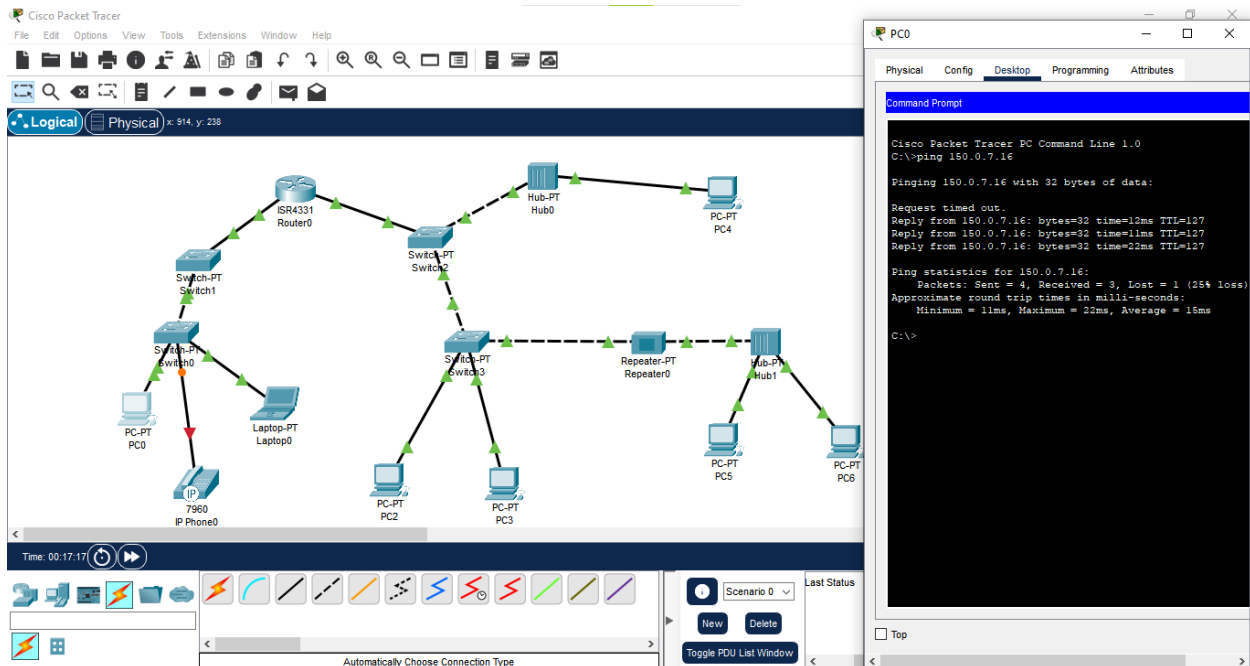
2:



○ Procedure:

- Open cisco packet tracer.
- Create a file and click on logical key.
- Take two PCs and one switch and connect them with wire.
- Take one more switch and connects with previous switch.
- Take a repeater and connect it with the switch that we take again.
- Now connect a new PC with the repeater.
- Now take a PT-HUB and connects with that switch and also connects it with two new PCs.
- Now give IP addresses to all PCs.
- Ping on any PC and get the result.

3:

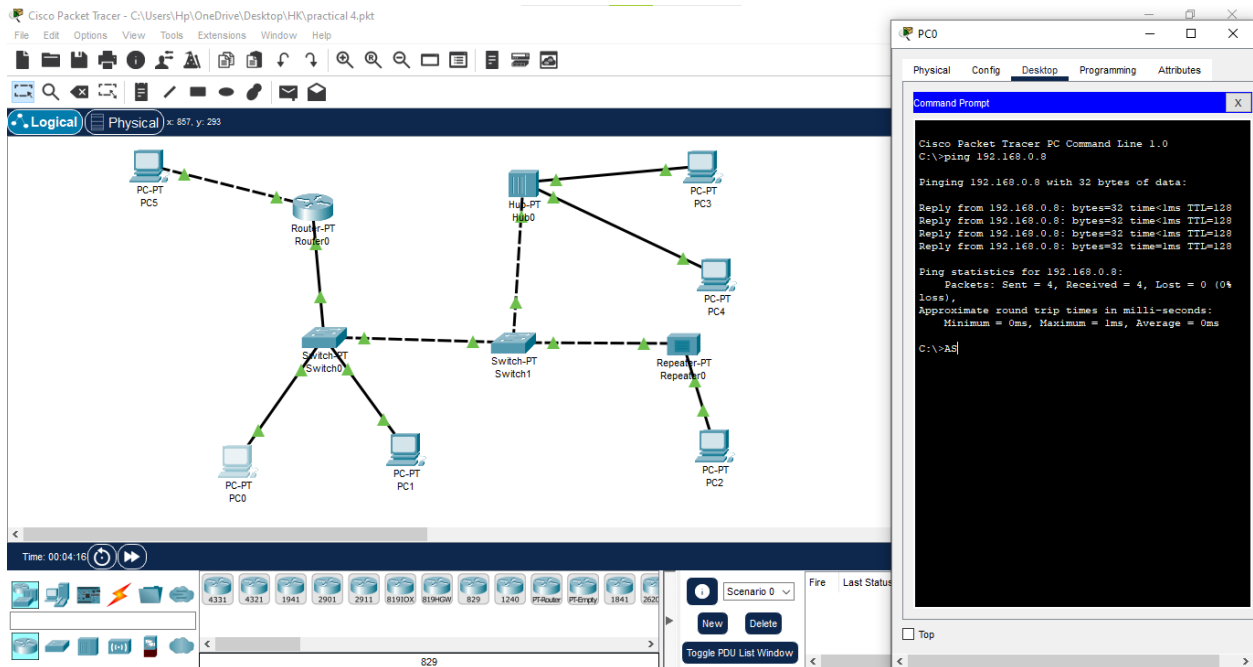


○ Procedure:

- Open a cisco packet tracer.
- Create a file and click on logical option.
- Take one PC, one IP -Phone and one laptop and connect it with one switch with automatic wire.
- Take another switch and connect it with first switch.

- Take one router and connect it with second switch.
- Take a third switch and connect it with router.
- Take a fourth switch and connect it with third one and then connect two PCs with fourth one.
- Connect one HUB-PT with third switch and connect HUB-PT to one PC.
- Connect a repeater with fourth switch.
- Also connect another HUB-PT with repeater.
- Now, connect two PCs with second hub.
- Give IP addresses to all PCs.
- Configure the router.
- Ping any of the PC and get result.

4:

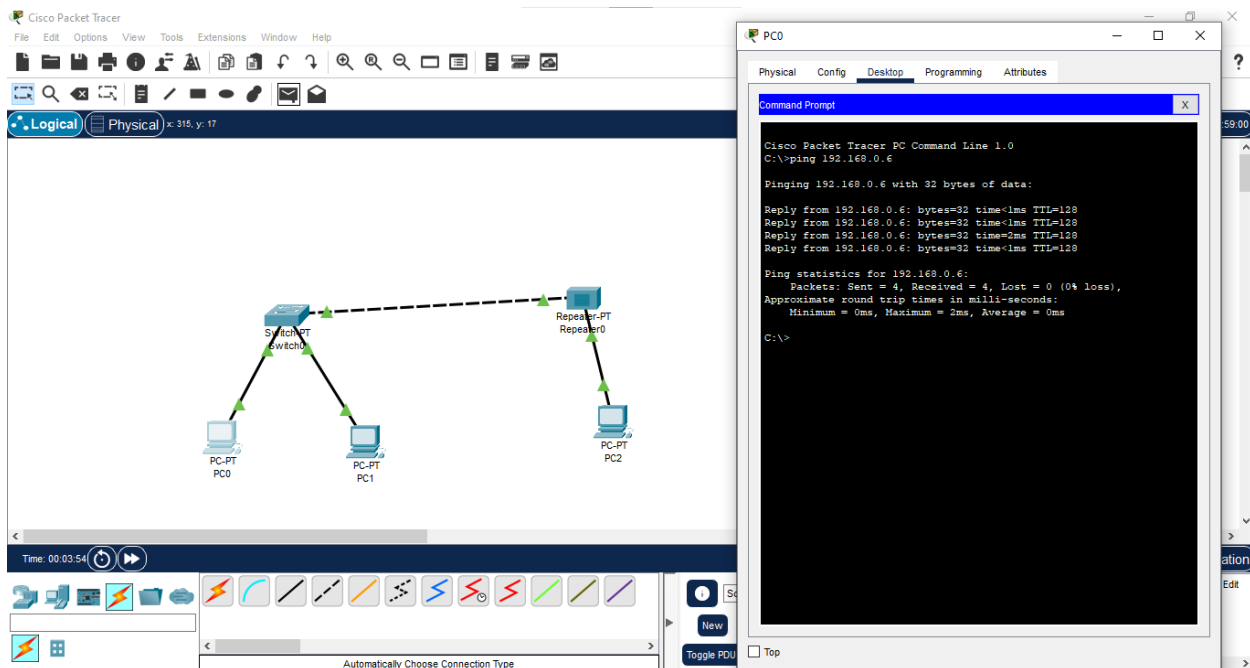


○ Procedure:

- Open cisco packet tracer.
- Create anew file and click on logical option.
- Take two PCs and one switch and connect them with wire.
- Now take router and connect it with wire.
- Connect a new PC with router.

- Connect a repeater and hub with switch.
- Connect two PCs with hub and one with repeater.
- Give IP addresses to PCs.
- Configure the router.
- Ping any of the PC and gets results.

5:

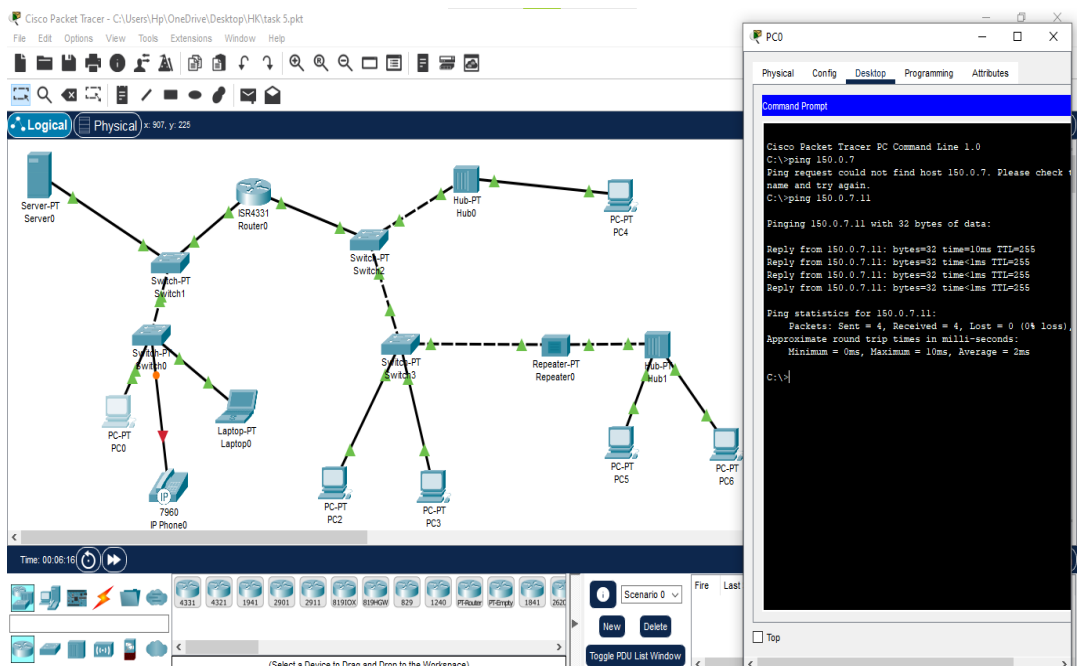


○ Procedure:

- Open a cisco packet tracer.

- Create a new file and click on logical option.
- Take two PCs and one switch and connect them.
- Take a repeater and connect with the switch.
- Now connect a new PC with repeater.
- Give IP addresses to all PCs.
- Ping any of the PC and gets results.

6:

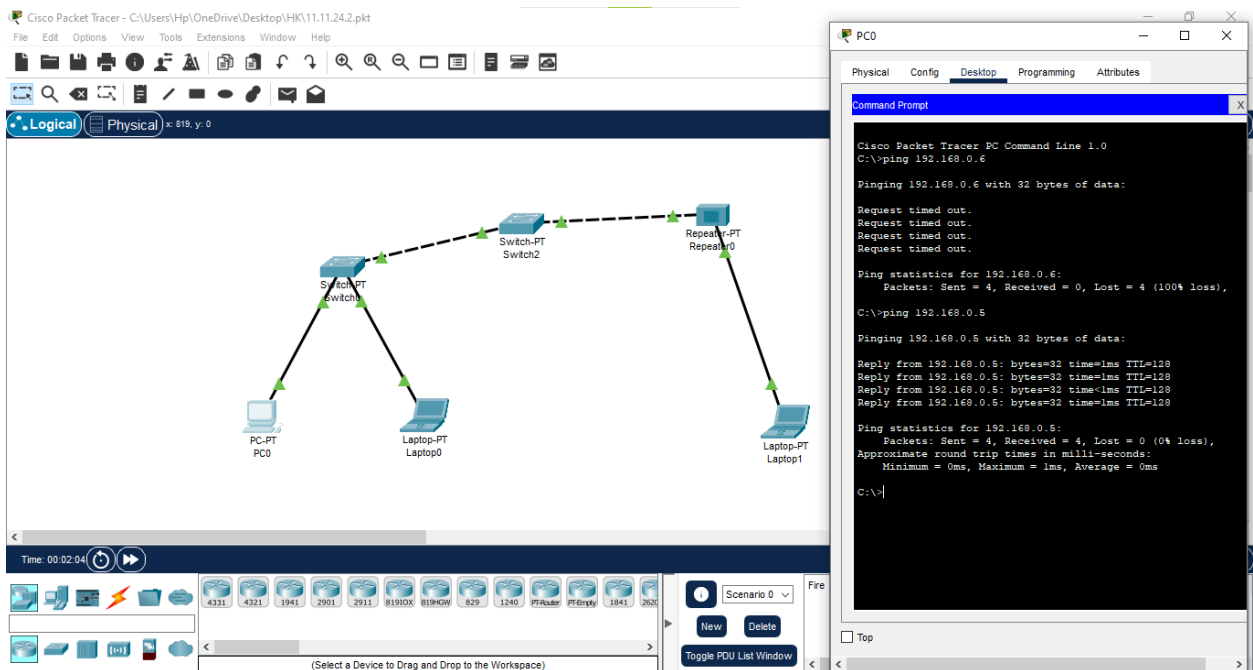


○ Procedure:

- Open cisco packet tracer.
- Create a new file.
- Take 7 PCs and 4 switches.
- Connect two PCs to one switch and this switch is connected to another switch.
- The second switch is connected to router and router to hub and hub to one PC.
- Now router is also connected to another switch which is further connected to a new switch which is connected to two PCs.
- That switch is also connected to repeater which is connected to a hub.
- And the hub is connected to two PCs.

- The router is also connected to a server.
- Give IP addresses to all computers
- Click on server and go to the services option.
- Now click on DHCP and write gateway and IP addresses.
- Ping any of the PC and gets the results.

7:



○ Procedure:

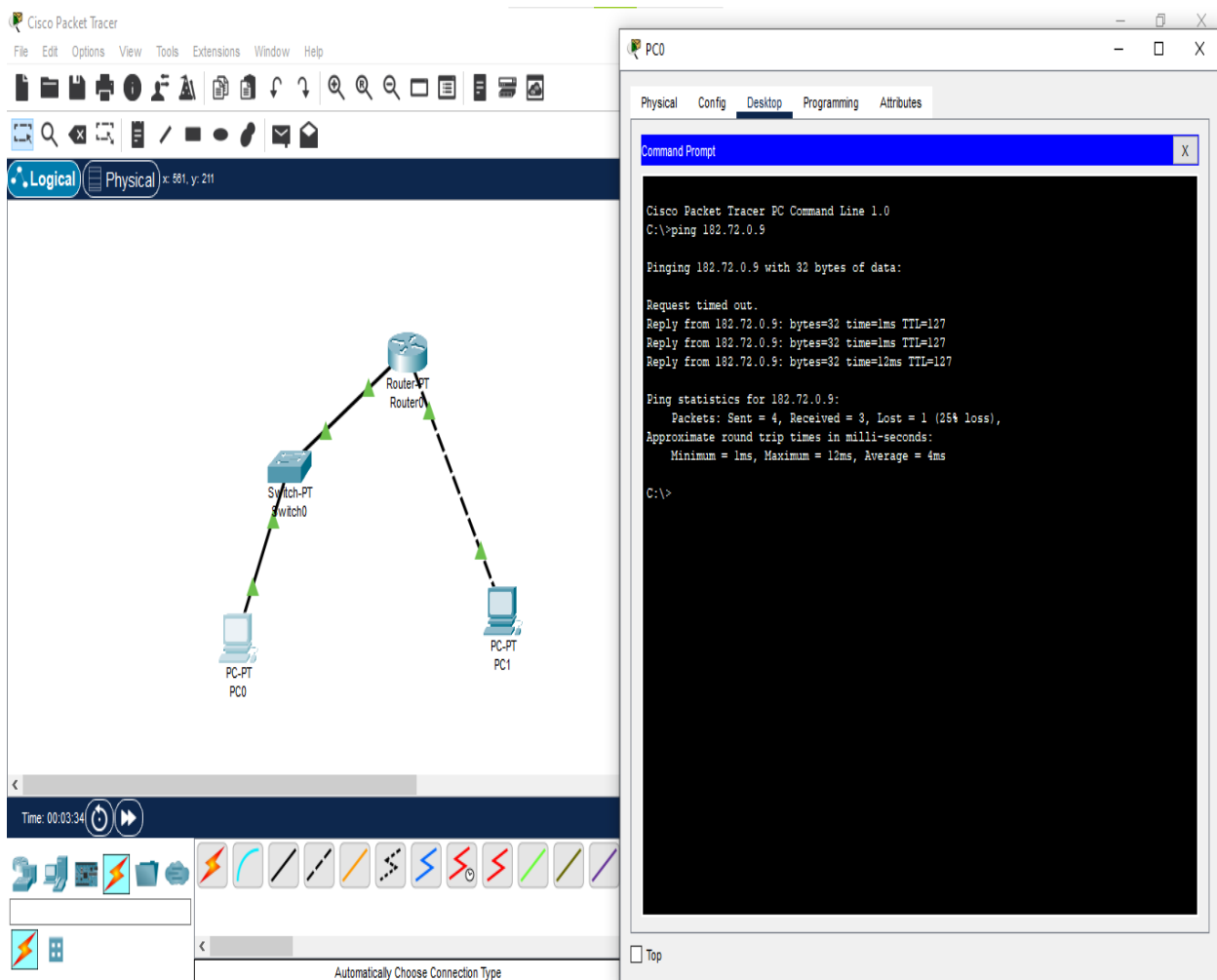
- Open a cisco packet tracer.
- Create a new file.
- Take two PCs and one switch.
- Connect them with wire.
- Take one more switch and connect it with a repeater.
- Now repeater connects to new PC.
- Give IP addresses to all PCs.
- Ping any PC and gets the result.

8:

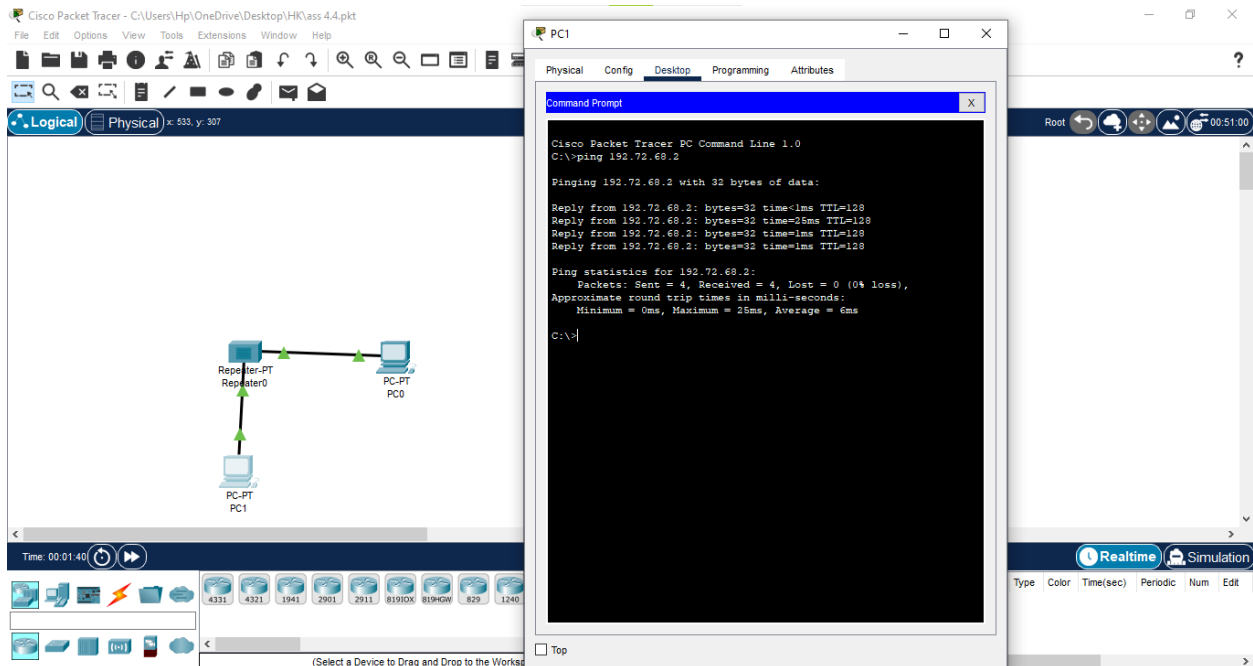
○ Procedure:

- Open a cisco packet tracer.
- Create a new file.
- Take a PC and a switch.
- Connect them with a wire.
- Connect this switch with a router and router to another PC.

- Give IP addresses to both PCs.
- Configure the router.
- Ping any of the PC and get the results.



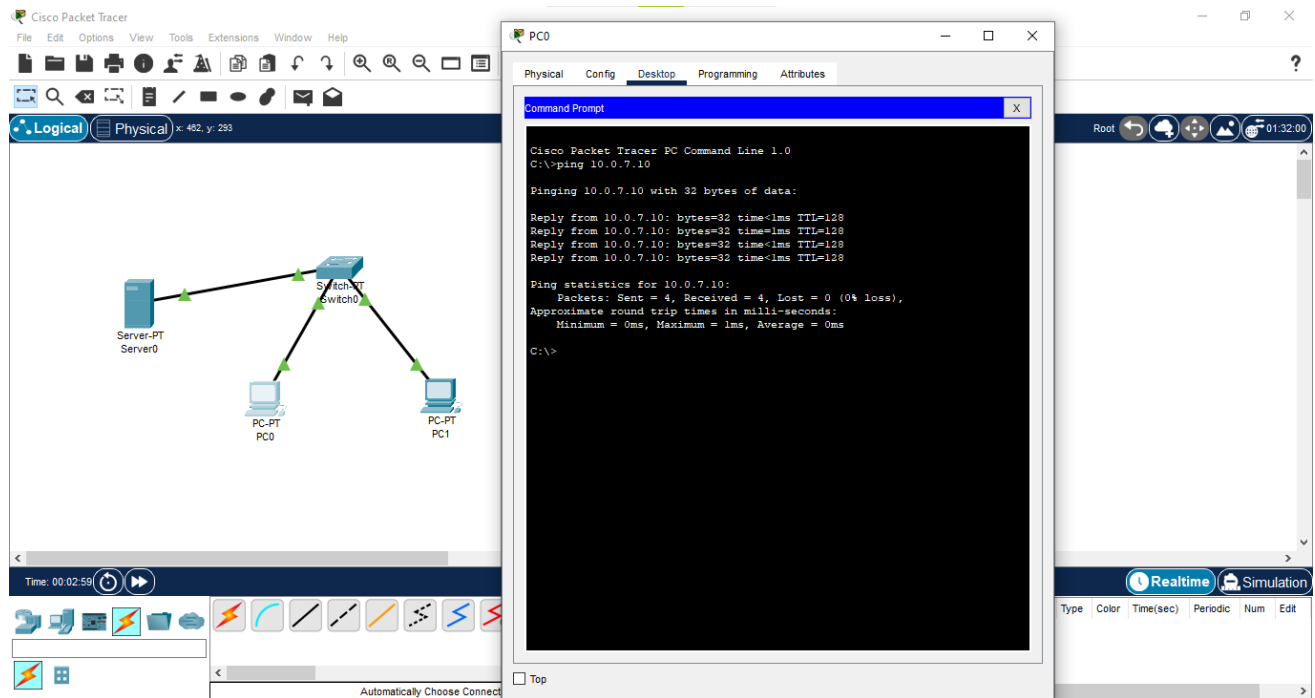
9:



○ Procedure:

- Open a cisco packet tracer.
- Take two PCs and connect with a repeater.
- Give IP addresses to both PCs.
- Ping any PC and get results.

10:



○ Procedure:

- Open a cisco packet tracer.
- Create a file.
- Take two switches and connected to a switch.
- Now take a server and connect to a switch.

- Give IP addresses to both PCs.
- Process the server.
- Ping any of the PC and gets the result.