NAME-SAARA ANAND

REG NO-21BCE8156

SLOT-L23+L24

CN LAB ASSIGNMENT 2-

1. How to connect network devices with help of network connections for creating network.

2. Configuration of DNS Server.

Note: Only using CISCO PACKET TRACER

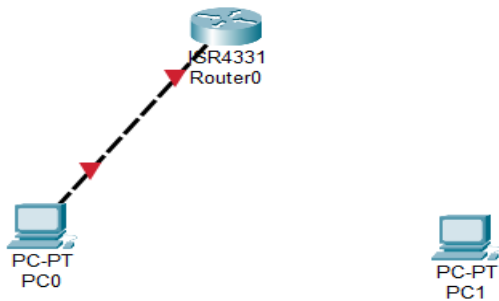Connecting 2 PC's with a router-

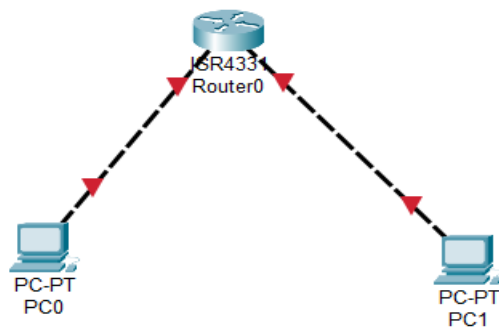STEP-1: Open cisco packet tracer and place 2 laptops provided in end devices.

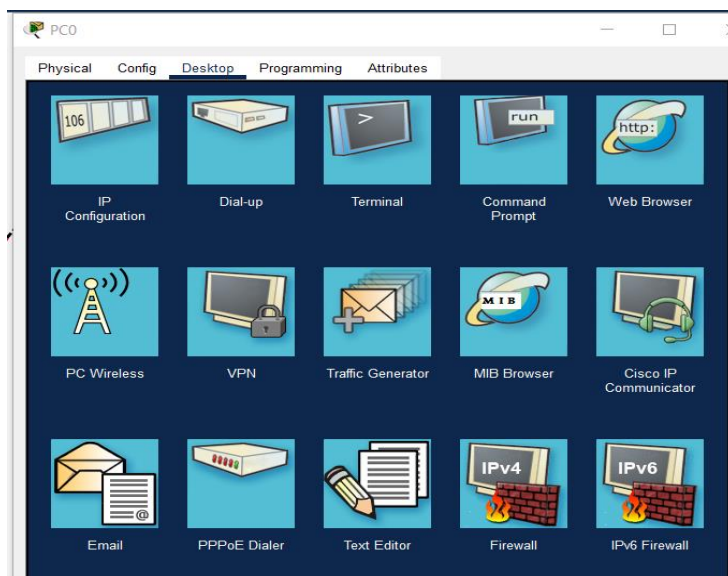STEP-2: Now place a router which is provided in network devices.

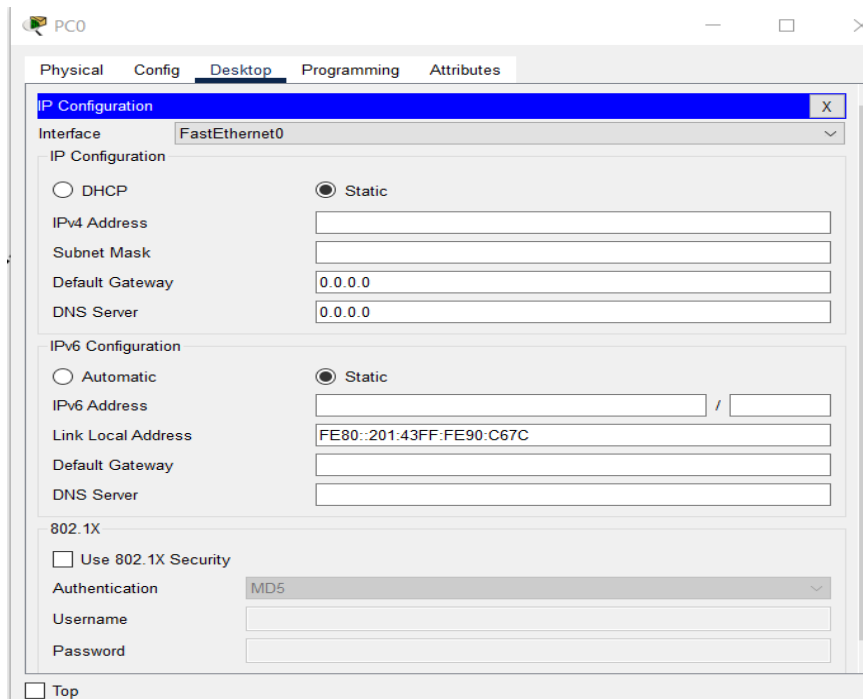STEP-3: Connect Laptop0 and Router, automatically choose connection type wire.

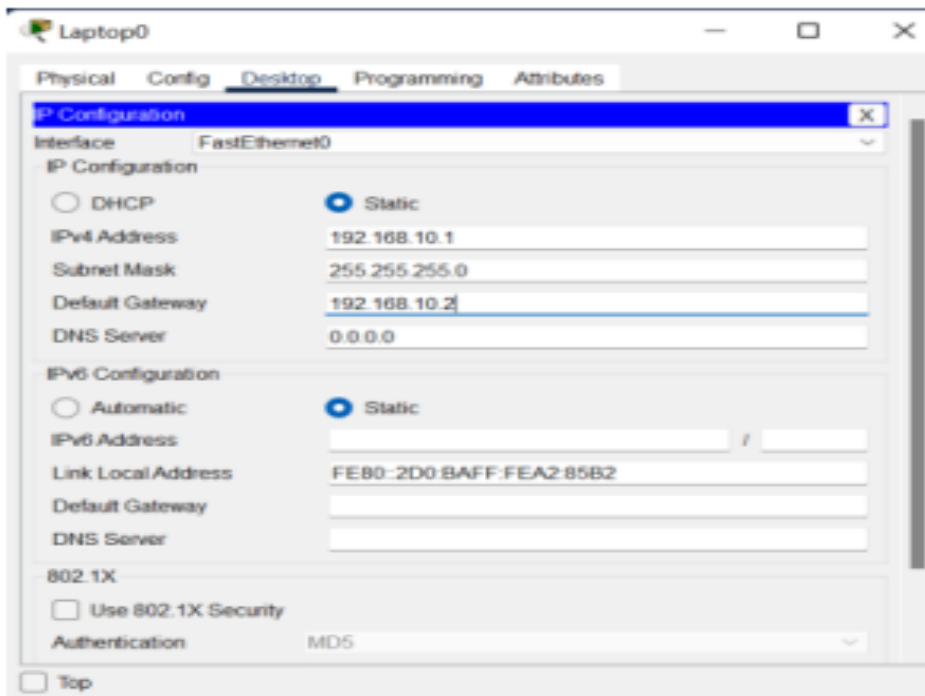STEP-4: Connect Laptop1 and Router with automatically choose connection type wire.

STEP-5: Click on Laptop0 you will get the following pop up.

STEP-6: Go to desktop.

STEP-7: Now provide an IP address and gateway to laptop0.

STEP-8: Check your IP address.

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Device Name: Laptop0
Device Model: Laptop-PT

Port            Link    IP Address          IPv6 Address                    MAC Address
FastEthernet0   Down    192.168.10.1/24     <not set>                       00D0.BAA2.85B2
Bluetooth       Down    <not set>           <not set>                       000D.BD44.6655

Gateway: <not set>
DNS Server: <not set>
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > Laptop0
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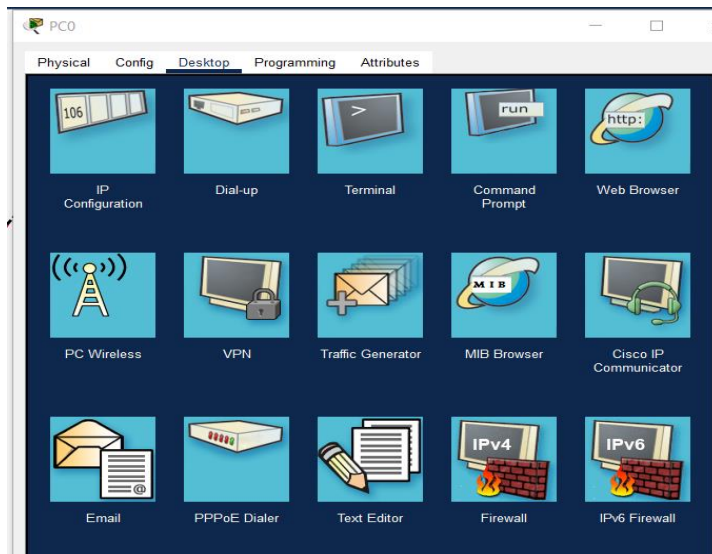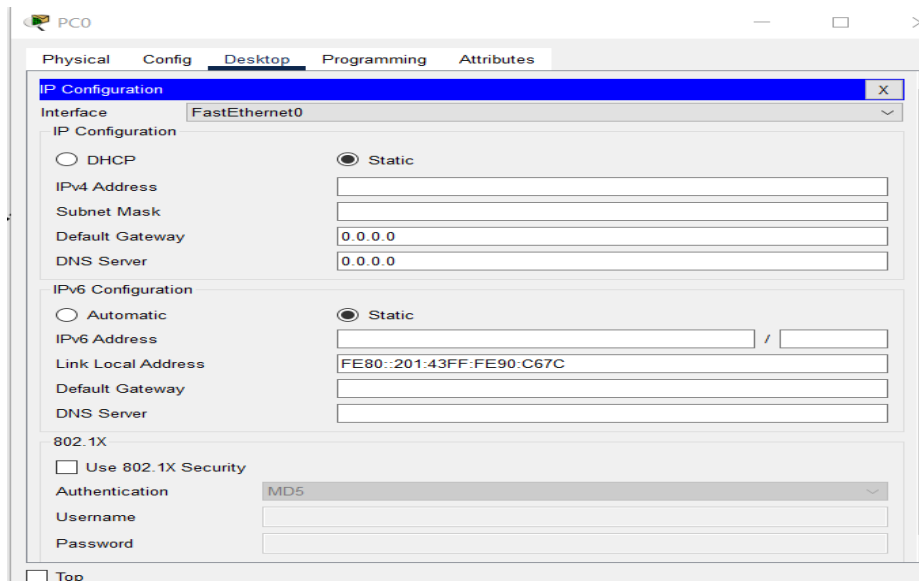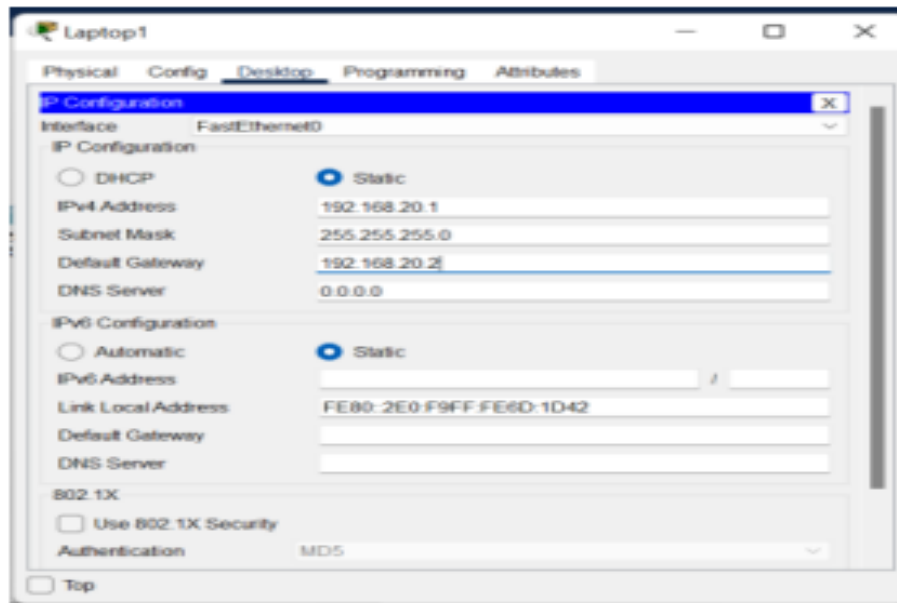
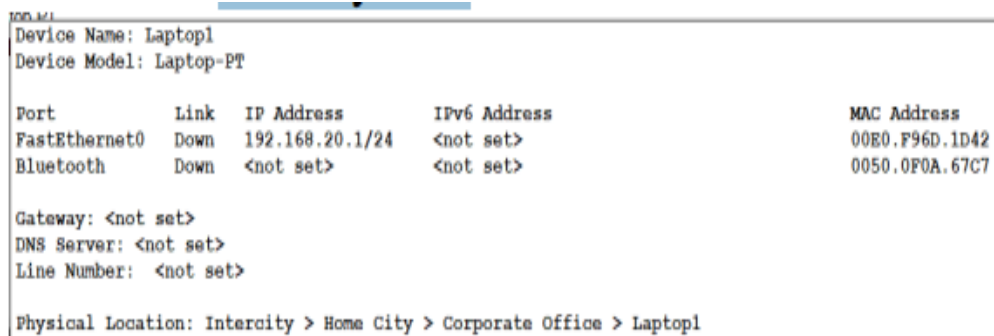STEP-9: Click on Laptop1 you will get the following pop up.
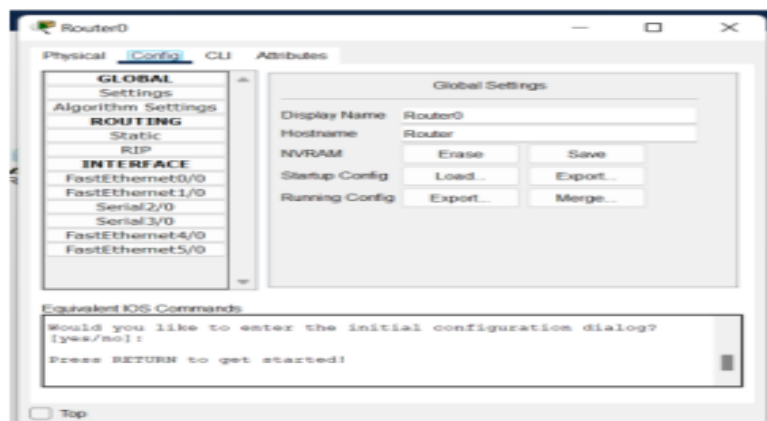

STEP-10: Go to desktop.

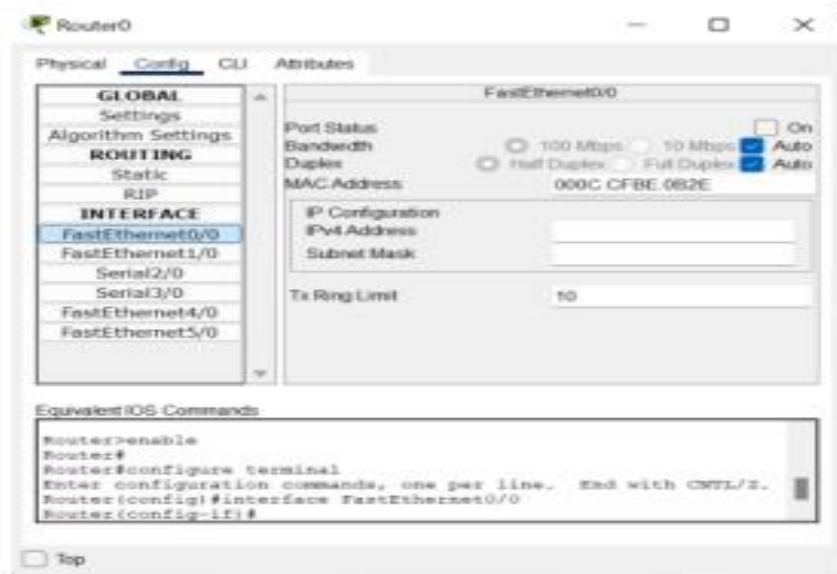STEP-11: Now provide an IP address and gateway to laptop1.
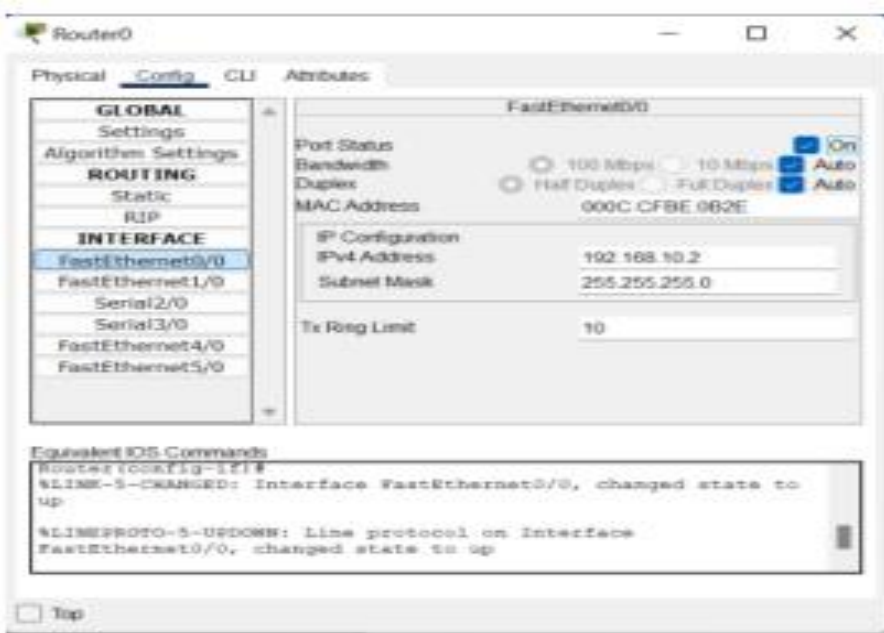

STEP-12: Check your IP address.

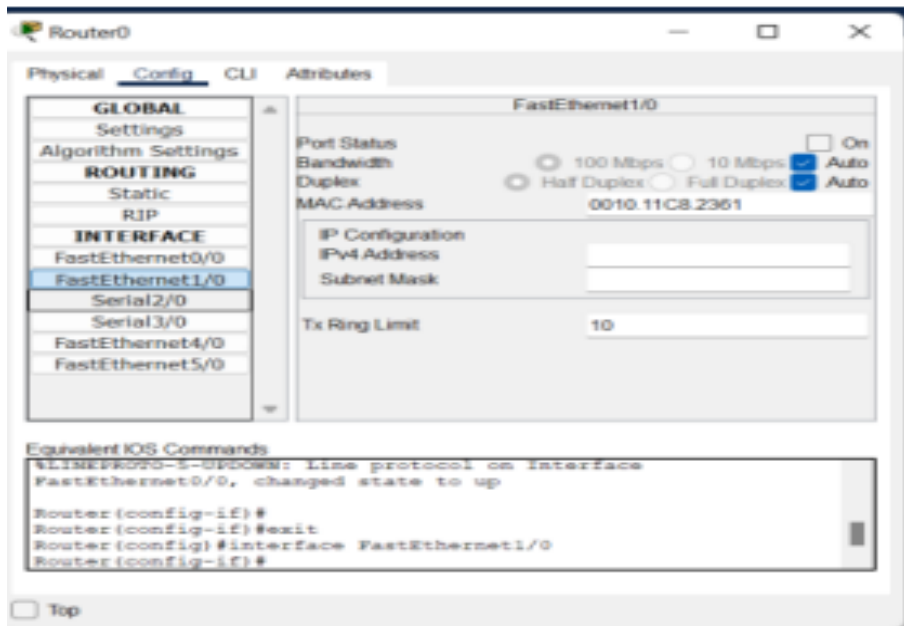STEP-13: Click on router you will get this pop up window.

STEP-14: Go to fast ethernet 0/0.

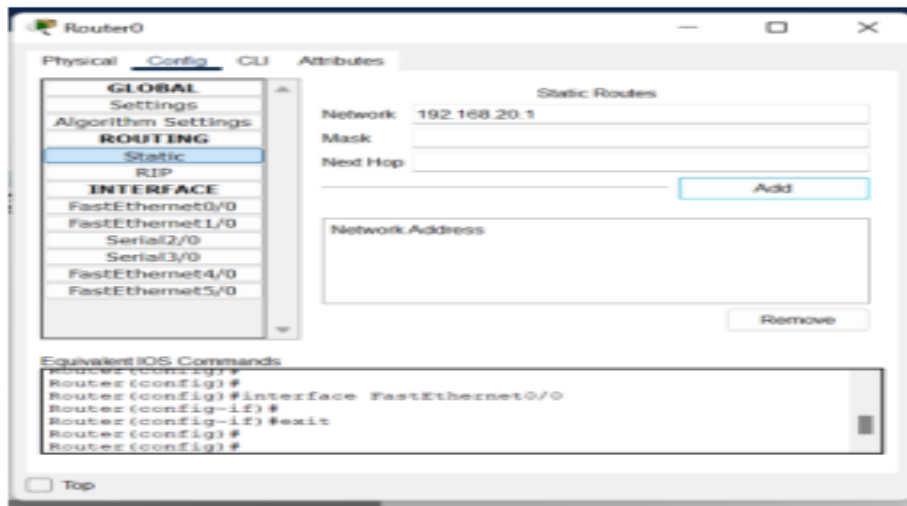STEP-15: Give the IP address which is same as the default gateway of laptop0.
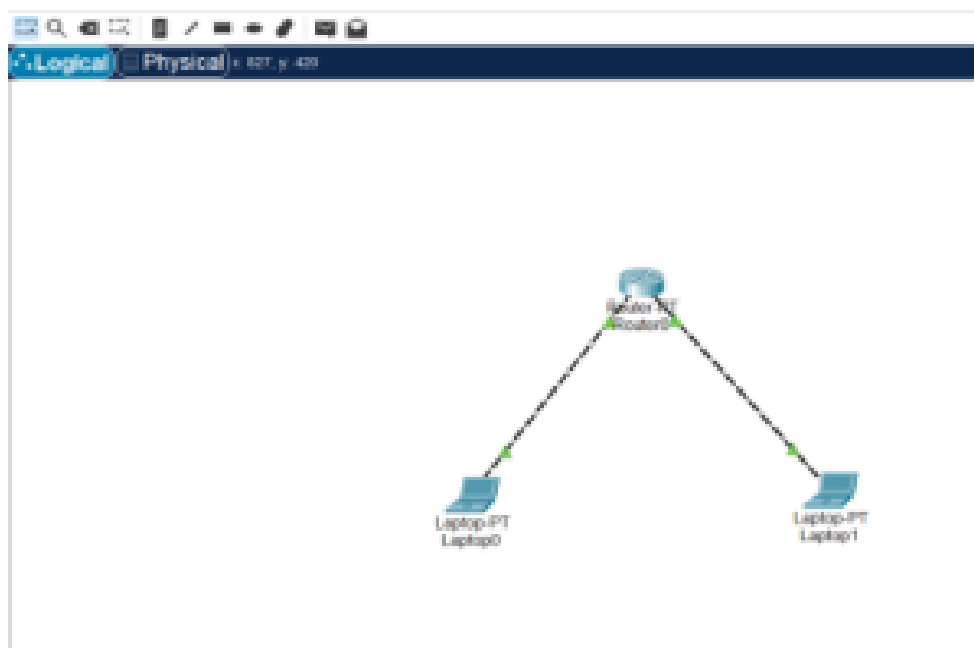

STEP-16: Go to fast ethernet 1/0.

STEP-17: Give the IP address which is same as the default gateway of laptop0.
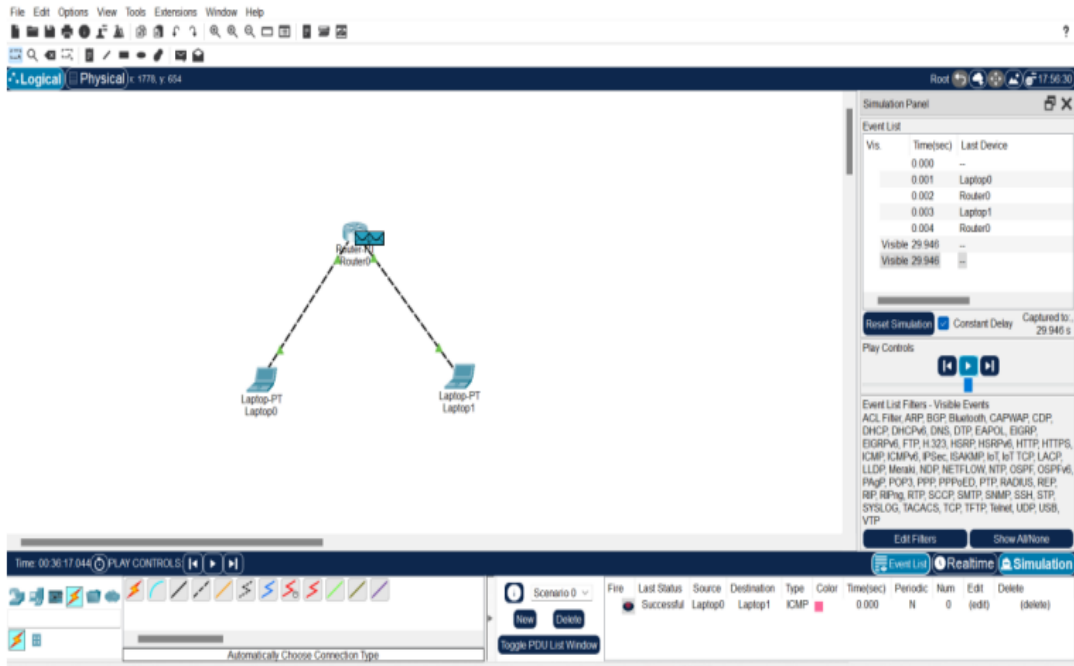

STEP-18: Now go to static and add network as IP address of laptop1.
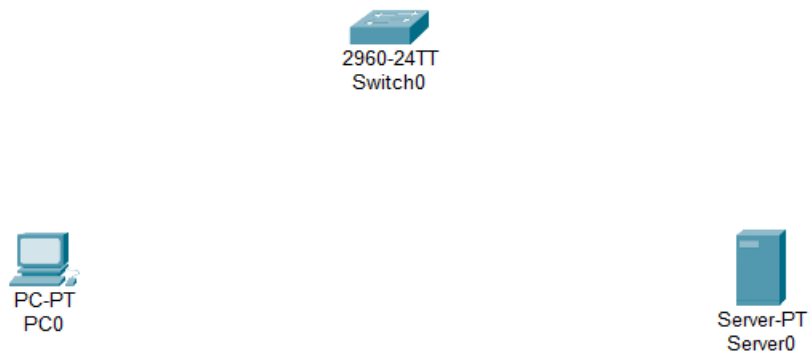
STEP-19: Add Simple PDU.

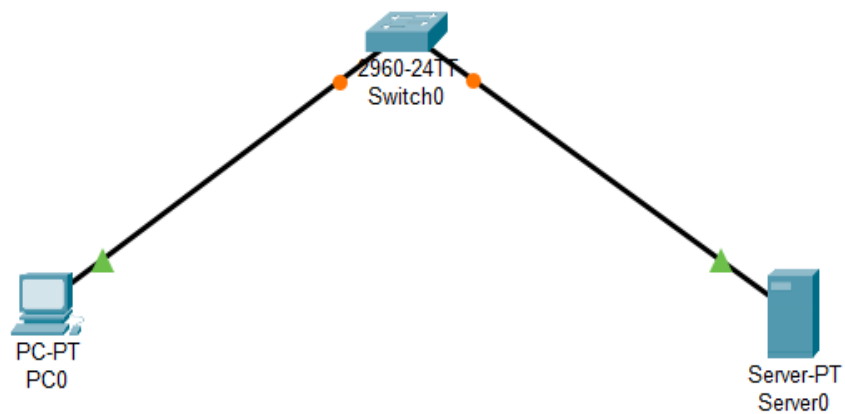STEP-20: Simulate the above circuit, you will get result successful.
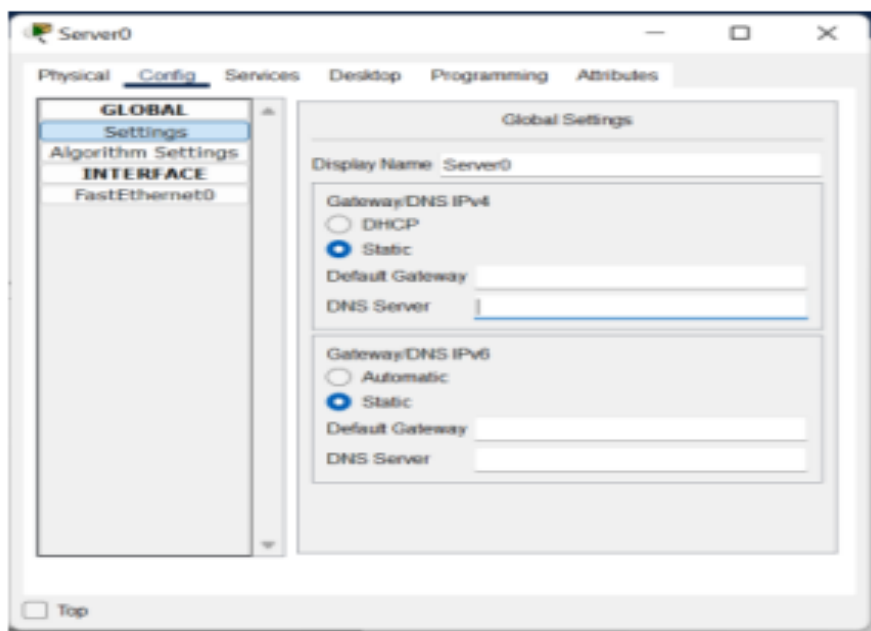
Configuration of DNS Server-

STEP-1: Drag 1 pc, 1 switch and 1 server from end and network devices in cisco packet tracer.

2960-24TT
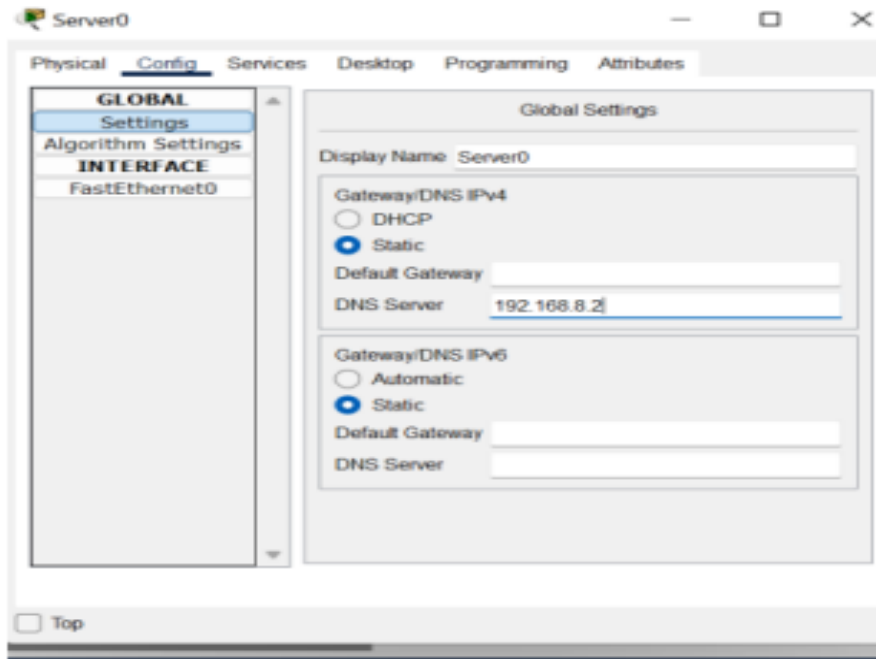Switch0

PC-PT
PC0

Server-PT
Server0

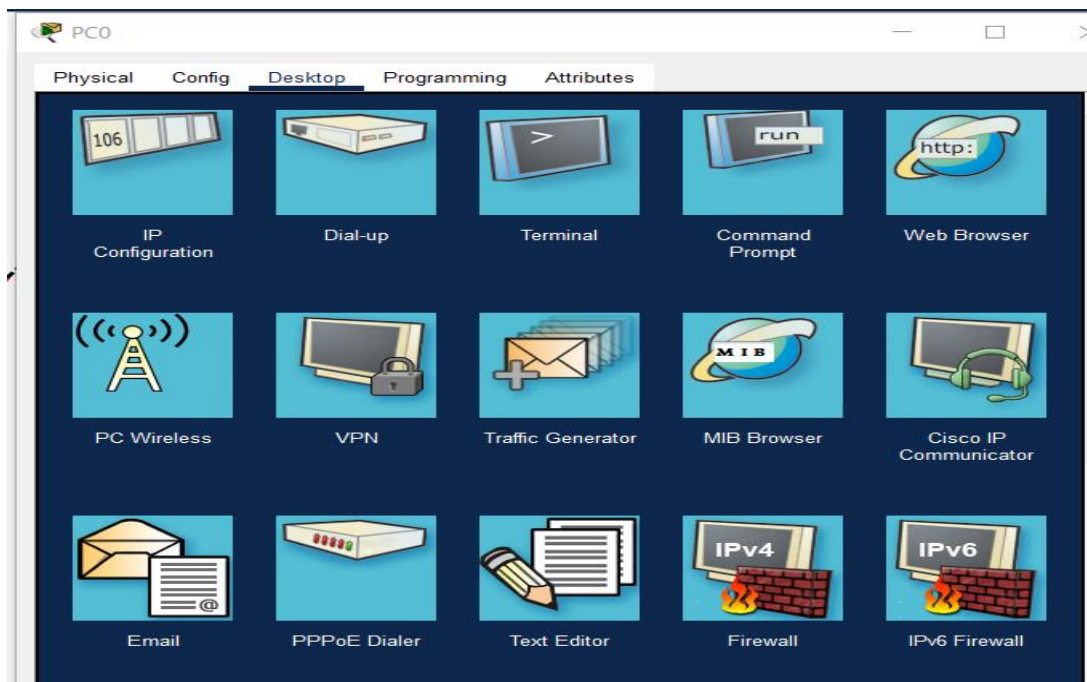STEP-2: Connect the both pcs to switch and connect switch to server.

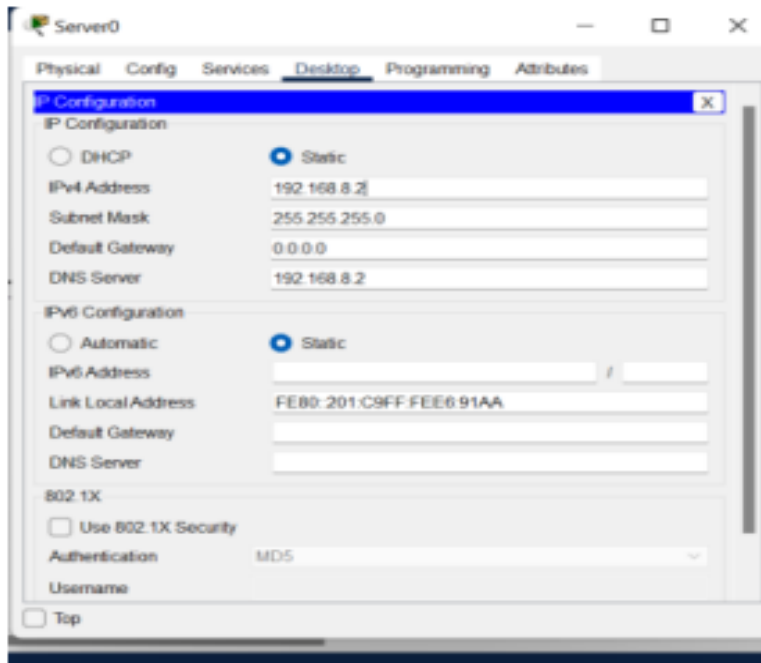STEP-3: Click on server and you will find a pop up as below.
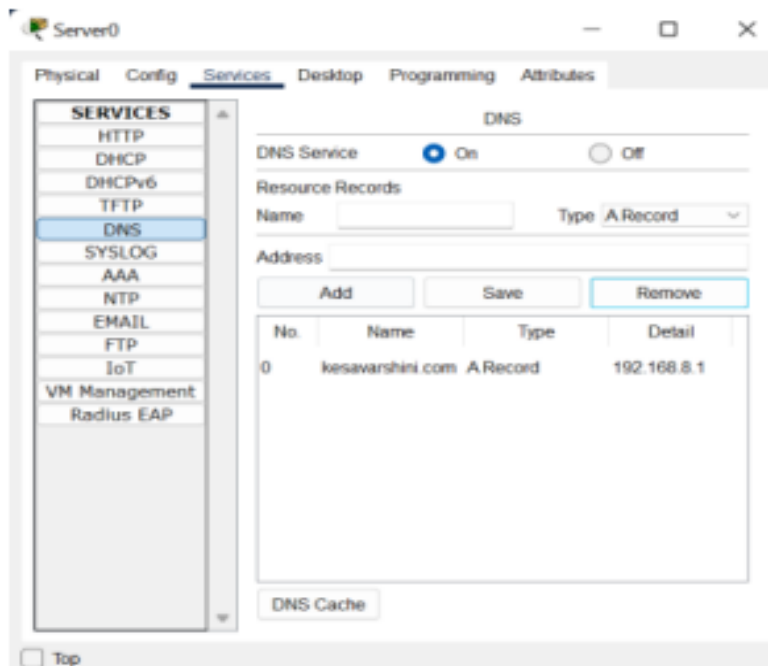

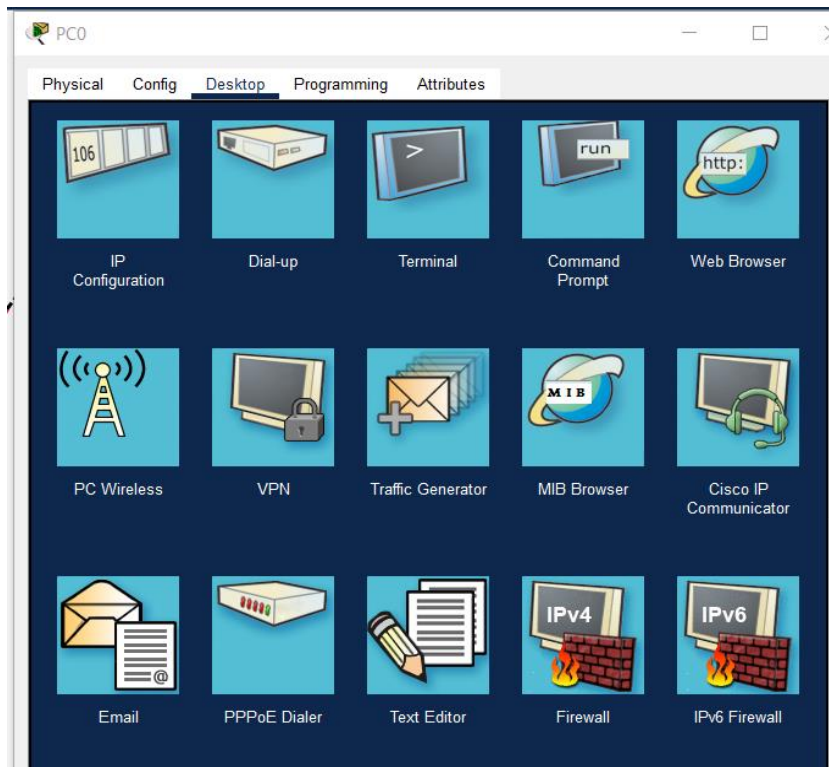STEP-4: Provide the DNS server.

STEP-5: Go to desktop.

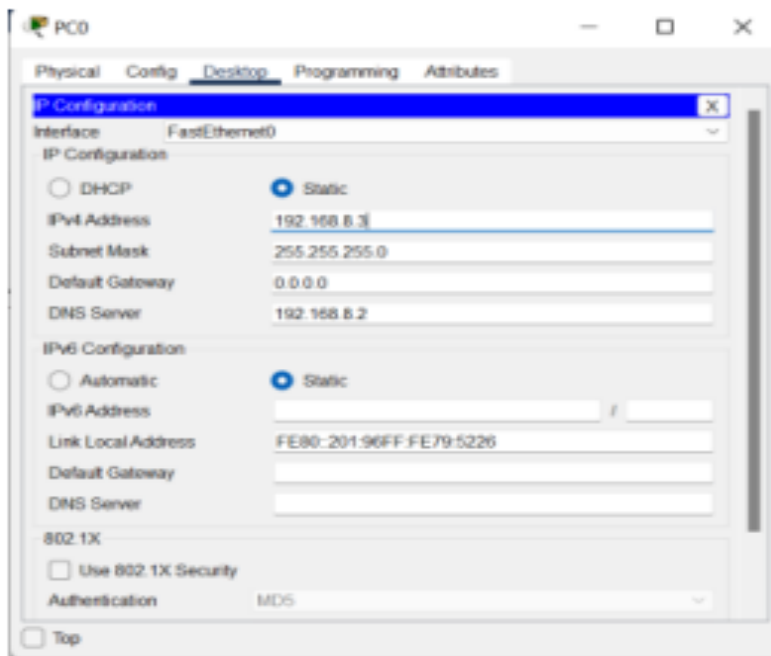STEP-6: Provide IP address and DNS server.

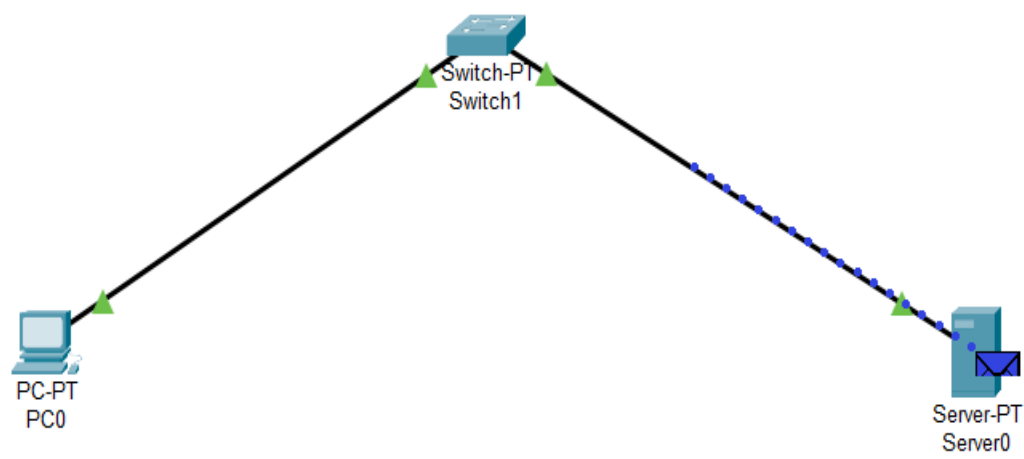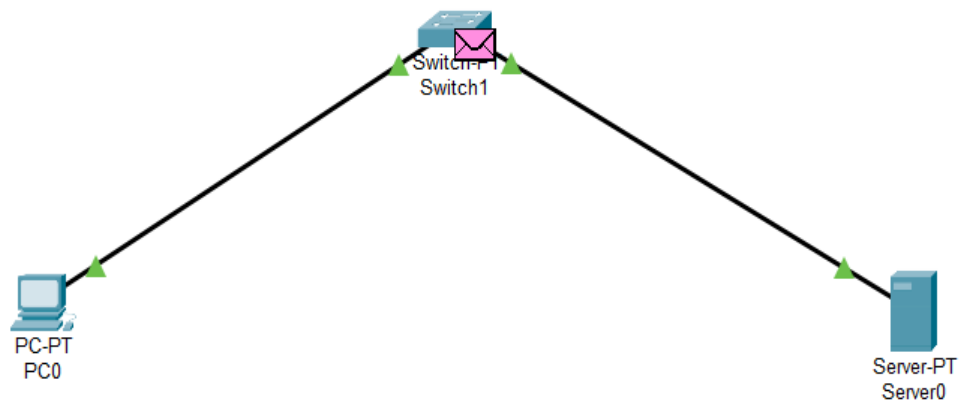STEP-7: Now go to services and open DNS option.

STEP-8: Click on PC0 and go to desktop.

STEP-9: Provide IP address and DNS server.

STEP-10: Add simple PDU to server and pc0 and simulate you will get successful result.

Switch-PT
Switch1

PC-PT
PC0

Server-PT
Server0

Switch-PT
Switch1

PC-PT
PC0

Server-PT
Server0

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Thank you!