

--- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]: **no**

Press RETURN to get started!

Router>**enable**

Router#**configure terminal**

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#**interface gigabitethernet 0/0/0**

Router(config-if)#**no shutdown**

Router(config-if)#

%LINK-5-CHANGED: Interface GigabitEthernet0/0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/0, changed state to up

Router(config-if)#**ip address 192.168.1.1 255.255.255.0**

Router(config-if)#**ex**

Router(config)#**ip dhcp pool abc 1.0 255.255.255.0**

Router(dhcp-config)#**default-router 1**

Router(dhcp-config)#**network 192.168.92.168.1.1**

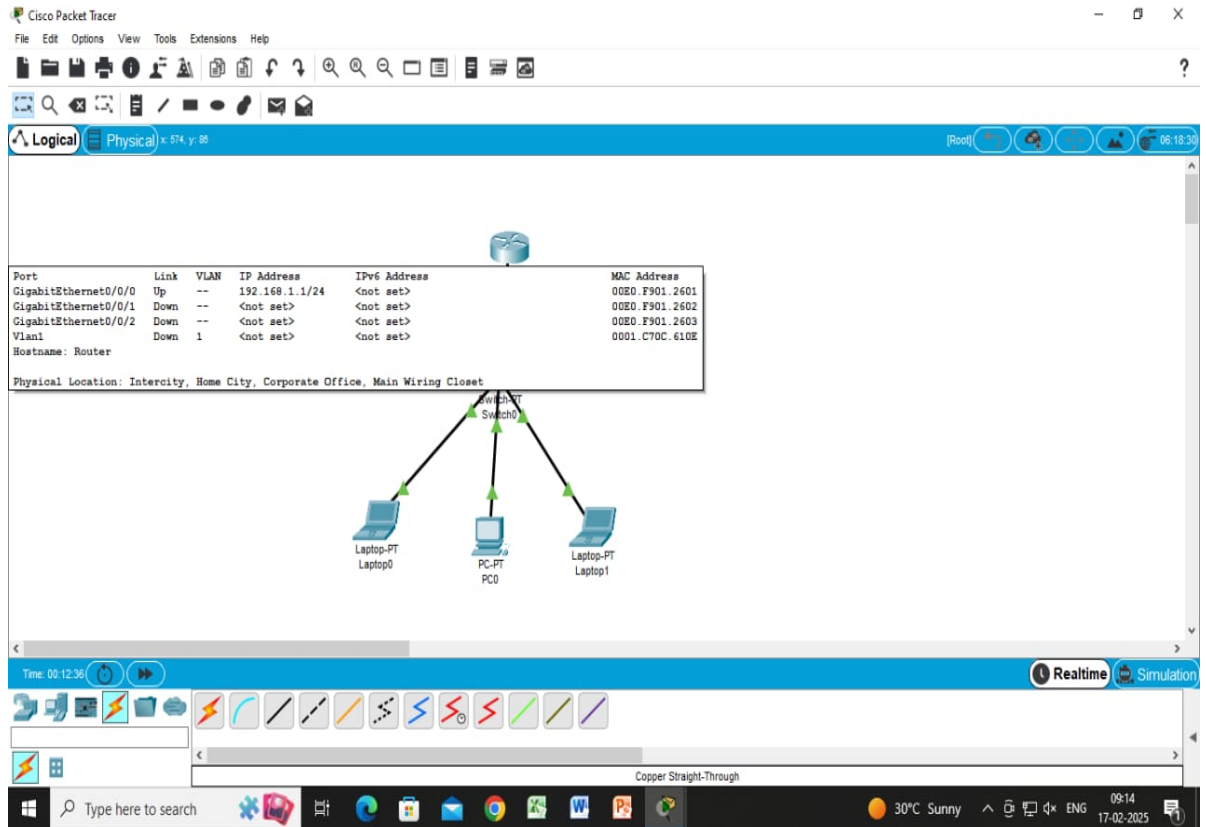
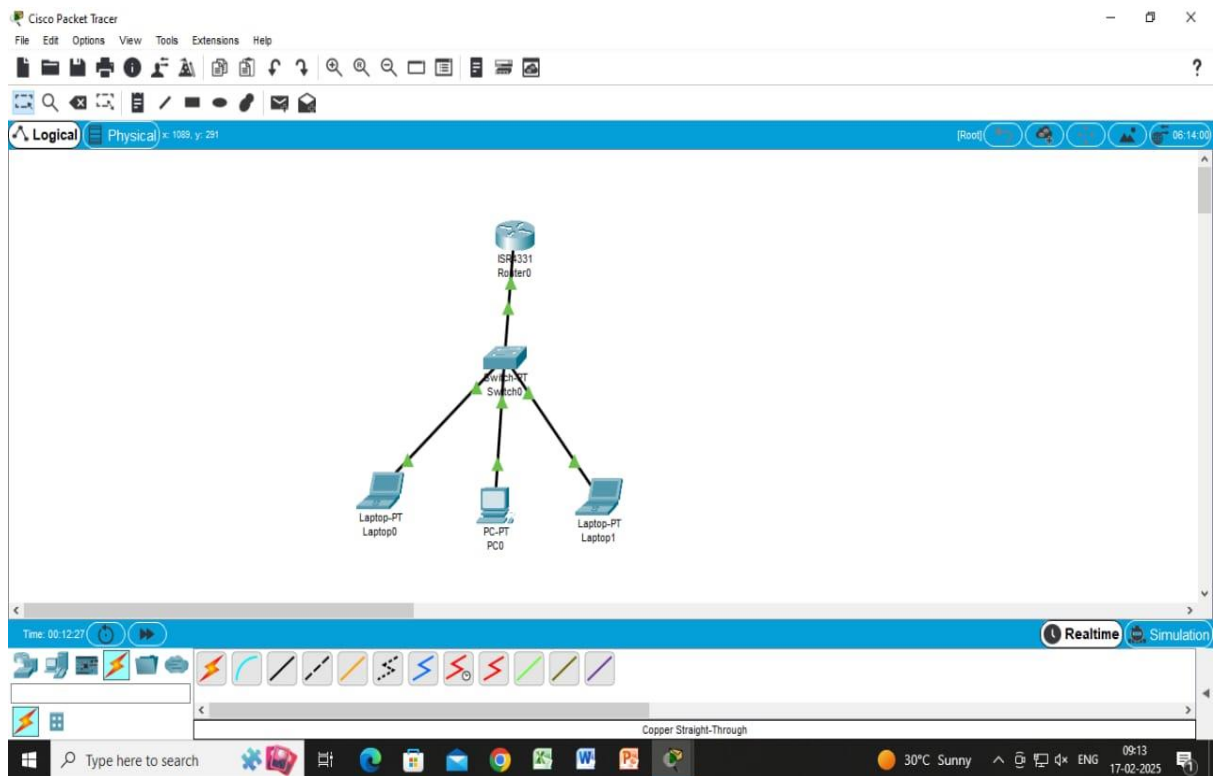
Router(dhcp-config)#**dns-server 8.8.8.8**

Router(dhcp-config)#**ex**

Router(config)#%DHCPD-4-PING\_CONFLICT: DHCP address conflict: server pinged 192.168.1.1.

Router#

%SYS-5-CONFIG\_I: Configured from console by console



Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical x: 411, y: 334 [Root] 06:24:30

Port FastEthernet0 Link Up IP Address 192.168.1.2/24 IPv6 Address <not set> MAC Address 0001.6318.42B9  
Bluetooth Down <not set> <not set> 00D0.D325.9420

Gateway: 192.168.1.1  
DNS Server: 8.8.8.8  
Line Number: <not set>

Physical Location: Intercity, Home City, Corporate Office

Time: 00:12:47

Realtime Simulation

Copper Straight-Through

Type here to search

30°C Sunny 09:14 17-02-2025

Cisco Packet Tracer

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Logical Physical x: 401, y: 347 [Root] 06:27:39

Port FastEthernet0 Link Up IP Address 192.168.1.3/24 IPv6 Address <not set> MAC Address 000C.85D4.46DE  
Bluetooth Down <not set> <not set> 0090.0C58.939D

Gateway: 192.168.1.1  
DNS Server: 8.8.8.8  
Line Number: <not set>

Physical Location: Intercity, Home City, Corporate Office

Time: 00:12:53

Simulation

Copper Straight-Through

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30°C Sunny 09:14 17-02-2025

Cisco Packet Tracer

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Logical Physical x: 669, y: 353 [Root] 06:31:00

```

graph TD
    Router0[Router0] --- Switch0[Switch0]
    Switch0 --- Laptop1[Laptop-PT]
    Switch0 --- Laptop2[Laptop-PT]
    Switch0 --- Laptop3[Laptop-PT]
  
```

Port	Link	IP Address	IPv6 Address	MAC Address
FastEthernet0	Up	192.168.1.4/24	<not set>	0030.A369.120A
Bluetooth	Down	<not set>	<not set>	0060.5C05.ABC7

Gateway: 192.168.1.1  
DNS Server: 8.8.8.8  
Line Number: <not set>

Physical Location: Intercity, Home City, Corporate Office

Realtime Simulation

Copper Straight-Through

Type here to search

30°C Sunny 09:14 17-02-2025

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical x: 82, y: 3 PC-PT 10:39:30

```

graph TD
    Router0[Router0] --- Switch0[Switch0]
    Switch0 --- PC0[PC-PT PC0]
    Switch0 --- Laptop0[Laptop-PT Laptop0]
    Switch0 --- PC1[PC-PT PC1]
    Switch0 --- PC2[PC-PT PC2]
  
```

Time: 09:21:16 Realtime Simulation

Copper Straight-Through

22°C ENG 10:07 Thursday 13-02-2025

Cisco Packet Tracer - C:\Users\Administrator\Cisco Packet Tracer 7.3.0\saves\414\_1.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 920, y: 907 [Root] 07:32:00

```
graph TD; R[ISR 331 Router0] --- S[2600 241 Switch0]; S --- L1[Laptop-PT]; S --- L2[Laptop-PT]; S --- L3[Laptop-PT]; S --- L4[Laptop-PT];
```

Port Link IP Address IPv6 Address MAC Address

Port	Link	IP Address	IPv6 Address	MAC Address
FastEthernet0	Up	192.168.1.5/24	<not set>	0000.0C56.55C6
Bluetooth	Down	<not set>	<not set>	0060.2FBC.A341

Gateway: 192.168.1.1  
DNS Server: 8.8.8.8  
Line Number: <not set>

Physical Location: Intercity, Home City, Corporate Office

Time: 00:15:01 Realtime Simulation

Copper Straight-Through

23°C Sunny 20:59 16-02-2025