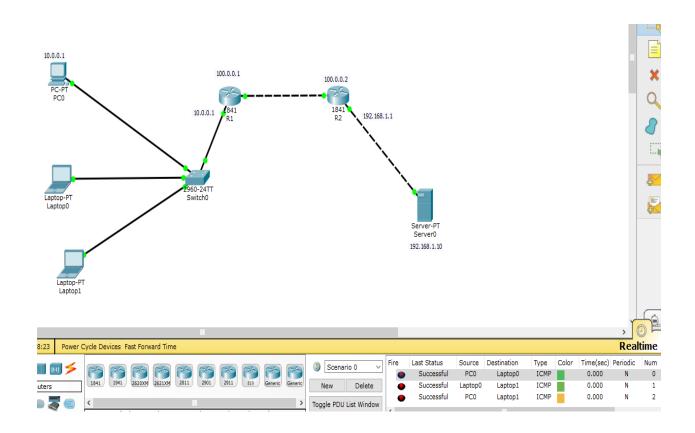
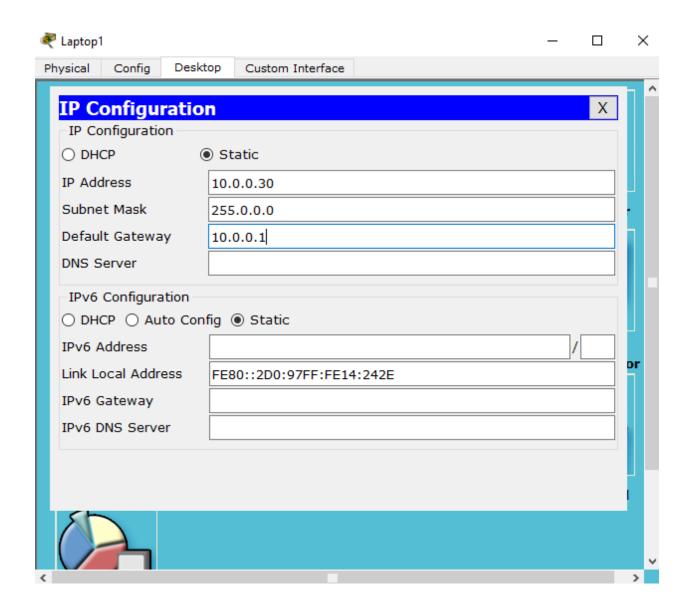
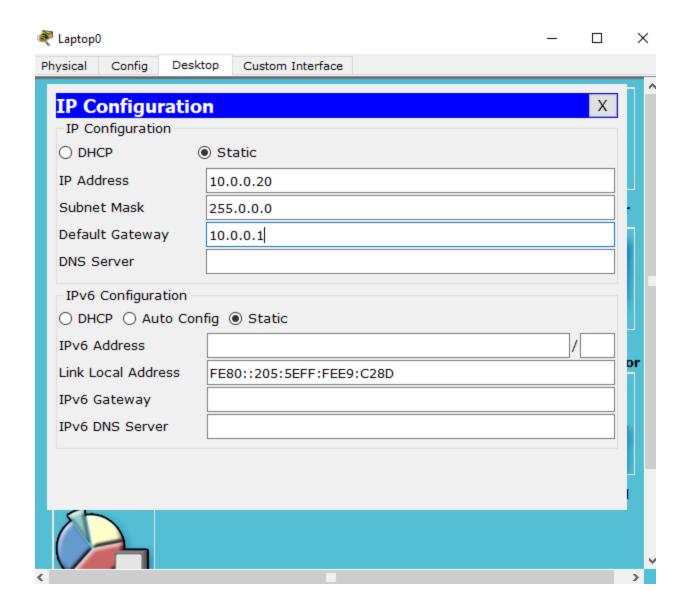
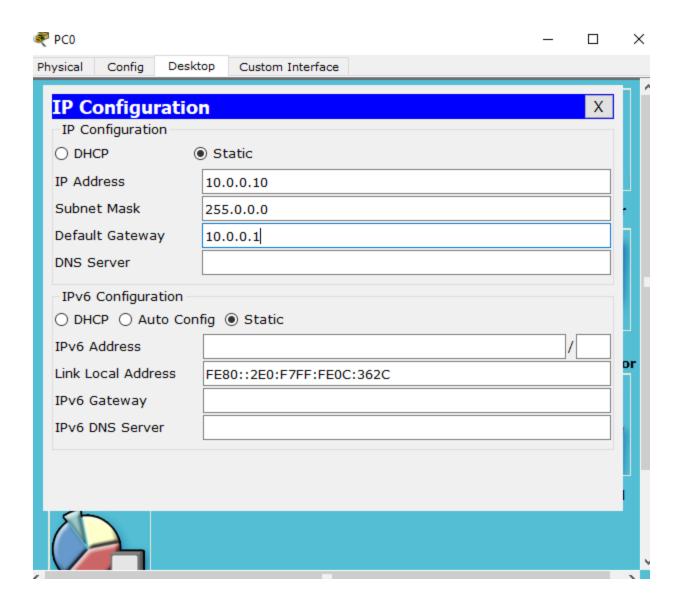


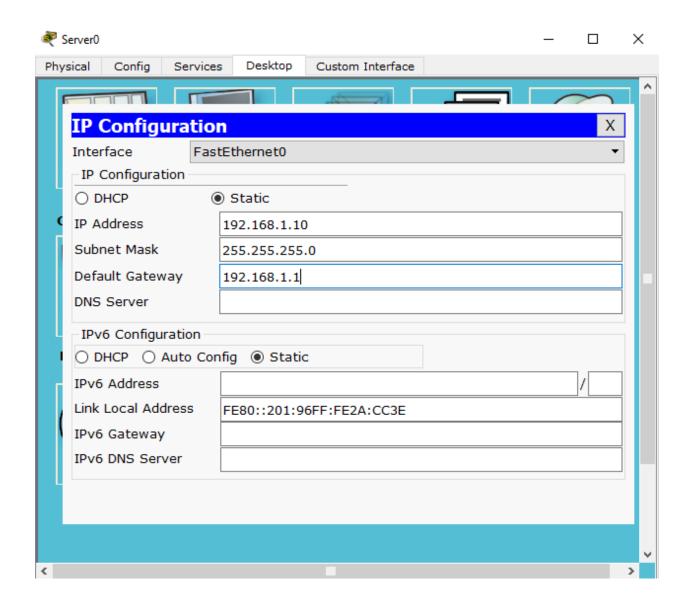
NAME: IBRAR BABAR ROLL NO. P19-0104 CN LAB WORK (9) SECTION (B)













Physical Config CLI

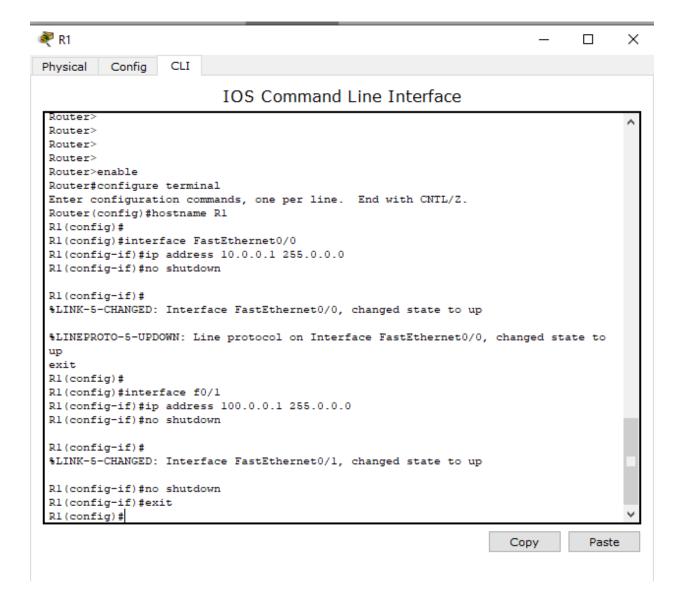
IOS Command Line Interface

Enter enable password: ibrar123 The virtual terminal password is used to protect access to the router over a network interface. Enter virtual terminal password: Press RETURN to get started! Router> Router> Router> Router> Router> Router>enable Router#configure terminal Enter configuration commands, one per line. End with CNTL/Z. Router(config) #hostname Rl R1(config)# Rl(config)#interface FastEthernet0/0 R1(config-if)#ip address 10.0.0.1 255.0.0.0 R1(config-if) #no shutdown R1(config-if)# %LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up exit

Сору

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Physical Config

CLI

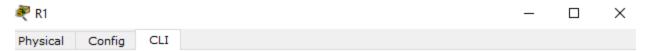
IOS Command Line Interface

```
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname R2
R2(config) #interface FastEthernet0/1
R2(config-if)#ip address 192.168.1.1 255.255.255.0
R2(config-if)#no shutdown
R2(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to
R2(config-if)#no shutdown
R2(config-if)#exit
R2(config)#ip address 100.0.0.2 255.0.0.0
% Invalid input detected at '^' marker.
R2(config)#interface FastEthernet0/0
R2(config-if)#ip address 100.0.0.2 255.0.0.0
R2(config-if)#no shutdown
R2(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to
R2(config-if)#exit
R2(config)#
```

Сору

Paste

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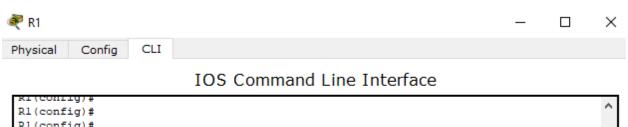
IOS Command Line Interface

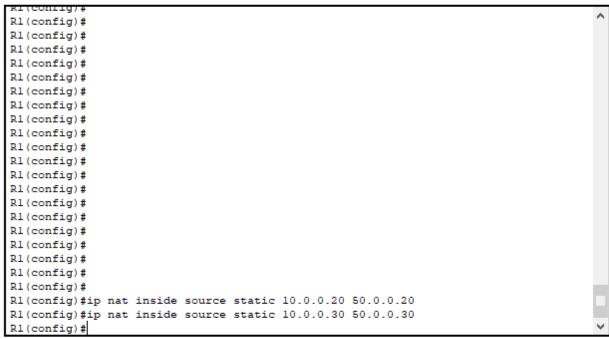
```
Rl>configure terminal

* Invalid input detected at '^' marker.

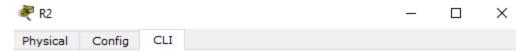
Rl>enable
Rl#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Rl(config)#ip nat inside source static 10.0.0.10 50.0.0.10
Rl(config)#interface FastEthernet 0/0
Rl(config-if)#ip nat inside
Rl(config-if)#exit
Rl(config)#
Rl(config)#
Rl(config)#
Rl(config)#interface FastEthernet 0/1
Rl(config-if)#ip nat outside
Rl(config-if)#exit
Rl(config)#
```

Сору





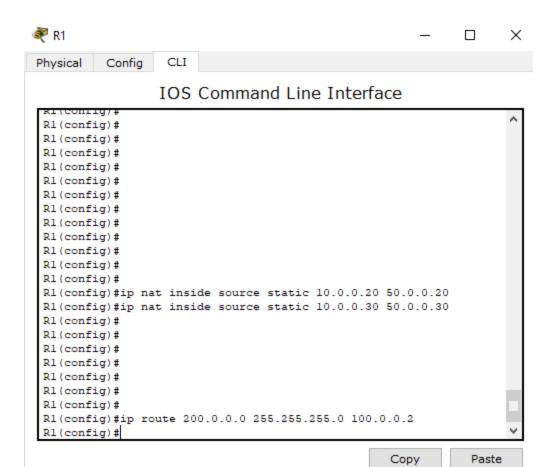
Сору

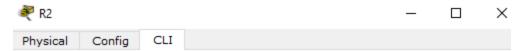


IOS Command Line Interface

```
R2>enable
R2#configure terminal
Enter configuration commands, one per line. End with CNTL/2.
R2(config)#ip nat inside source static 192.168.1.10
% Incomplete command.
R2(config)#ip nat inside source static 192.168.1.10 200.0.0.10
R2(config)#interface FastEthernet 0/1
R2(config)#interface FastEthernet 0/1
R2(config-if)#exit
R2(config)#
R2(config)#
R2(config)#
R2(config)# config)#interface FastEthernet 0/0
R2(config-if)#p nat outside
R2(config-if)#exit
R2(config-if)#exit
```

Сору





IOS Command Line Interface

```
R2>enable
R2#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
R2(config)#ip nat inside source static 192.168.1.10
% Incomplete command.
R2(config)#ip nat inside source static 192.168.1.10 200.0.0.10
R2(config)#interface FastEthernet 0/1
R2(config-if)#ip nat inside
R2(config-if)#exit
R2(config)#
R2(config)#
R2(config)#
R2(config)#interface FastEthernet 0/0
R2(config-if)#ip nat outside
R2(config-if)#exit
R2(config)#ip route 50.0.0.0 255.0.0.0 100.0.0.1
```

Сору

Desktop

Custom Interface

Command Prompt

```
Packet Tracer PC Command Line 1.0
PC>ping 200.0.0.10
Pinging 200.0.0.10 with 32 bytes of data:
Request timed out.
Request timed out.
Reply from 200.0.0.10: bytes=32 time=12ms TTL=126
Reply from 200.0.0.10: bytes=32 time=10ms TTL=126
Ping statistics for 200.0.0.10:
   Packets: Sent = 4, Received = 2, Lost = 2 (50% loss),
Approximate round trip times in milli-seconds:
    Minimum = 10ms, Maximum = 12ms, Average = 11ms
PC>ping 200.0.0.10
Pinging 200.0.0.10 with 32 bytes of data:
Reply from 200.0.0.10: bytes=32 time=1ms TTL=126
Reply from 200.0.0.10: bytes=32 time=11ms TTL=126
Reply from 200.0.0.10: bytes=32 time=10ms TTL=126
Reply from 200.0.0.10: bytes=32 time=12ms TTL=126
Ping statistics for 200.0.0.10:
   Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 1ms, Maximum = 12ms, Average = 8ms
PC>ping 192.168.1.10
Pinging 192.168.1.10 with 32 bytes of data:
Reply from 10.0.0.1: Destination host unreachable.
Ping statistics for 192.168.1.10:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

