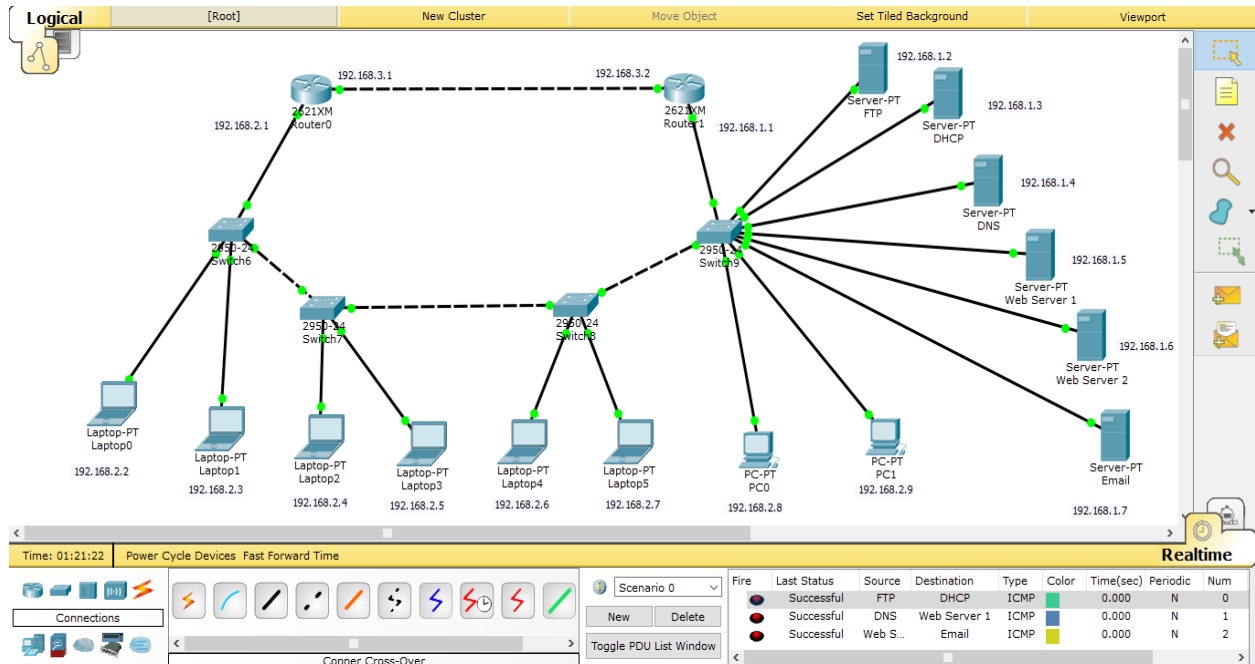


NAME :: IBRAR

ROLL NO. 19P-0104

CN (LAB)

QUIZ 2



IP Configuration X

Interface FastEthernet0 ▾

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.1.2

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.1

DNS Server 192.168.1.4

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::2D0:D3FF:FEB0:2333

IPv6 Gateway

IPv6 DNS Server

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

DHCP

Interface FastEthernet0

Service ☒ On ☐ Off

Pool Name P2

Default Gateway 192.168.2.1

DNS Server 192.168.1.4

Start IP Address : 192 168 1 0

Subnet Mask: 255 255 255 0

Maximum number of Users : 256

TFTP Server: 0.0.0.0

Add

Save

Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP
P2	192.168.2.1	192.168.1.4	192.168.1.0	255.255....	256	0.0.0.0
P1	192.168.1.1	192.168.1.4	192.168.1.0	255.255....	256	0.0.0.0
server...	0.0.0.0	0.0.0.0	192.168.1.0	255.255....	512	0.0.0.0

IP Configuration X

Interface FastEthernet0 ▾

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.1.4

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.1

DNS Server 192.168.1.4

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::206:2AFF:FE84:5D4B

IPv6 Gateway

IPv6 DNS Server

SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP

DHCP

Interface FastEthernet0 Service ☒ On ☐ OffPool Name P2Default Gateway 192.168.2.1DNS Server 192.168.1.4Start IP Address : 192 168 1 0Subnet Mask: 255 255 255 0Maximum number of Users : 256TFTP Server: 0.0.0.0

Add

Save

Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP
P2	192.168.2.1	192.168.1.4	192.168.1.0	255.255....	256	0.0.0.0
P1	192.168.1.1	192.168.1.4	192.168.1.0	255.255....	256	0.0.0.0
server...	0.0.0.0	0.0.0.0	192.168.1.0	255.255....	512	0.0.0.0

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

DNS

DNS Service

☒ On☐ Off

Resource Records

Name

Type

A Record



Address

Add

Save

Remove

No.	Name	Type	Detail
0	web server 1	A Record	192.168.1.5
1	web server 2	A Record	192.168.1.6

DNS Cache

IP Configuration X

Interface FastEthernet0 ▾

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.1.5

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.1

DNS Server 192.168.1.4

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::201:42FF:FE4A:832D

IPv6 Gateway

IPv6 DNS Server

Physical Config Services Desktop Custom Interface

IP Configuration X

Interface FastEthernet0 ▾

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.1.6

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.1

DNS Server 192.168.1.4

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::20D:BDFF:FE1C:CE1B

IPv6 Gateway

IPv6 DNS Server

IP Configuration X

Interface FastEthernet0 ▾

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.1.7

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.1

DNS Server 192.168.1.4

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::201:C7FF:FE52:2C02

IPv6 Gateway

IPv6 DNS Server

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IP Address	192.168.2.3
Subnet Mask	255.255.255.0
Default Gateway	92.168.2.1
DNS Server	192.168.1.4

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address		/	
Link Local Address	FE80::2D0:58FF:FE4E:955B		
IPv6 Gateway			
IPv6 DNS Server			



IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IP Address	192.168.2.4
Subnet Mask	255.255.255.0
Default Gateway	192.168.2.1
DNS Server	192.168.1.4

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address		/	
Link Local Address	FE80::2E0:8FFF:FE22:B7E3		
IPv6 Gateway			
IPv6 DNS Server			



IP Configuration X

IP Configuration

☐ DHCP☒ Static

IP Address 192.168.2.5

Subnet Mask 255.255.255.0

Default Gateway 192.168.2.1

DNS Server 192.168.1.4

IPv6 Configuration

☐ DHCP☐ Auto Config☒ Static

IPv6 Address

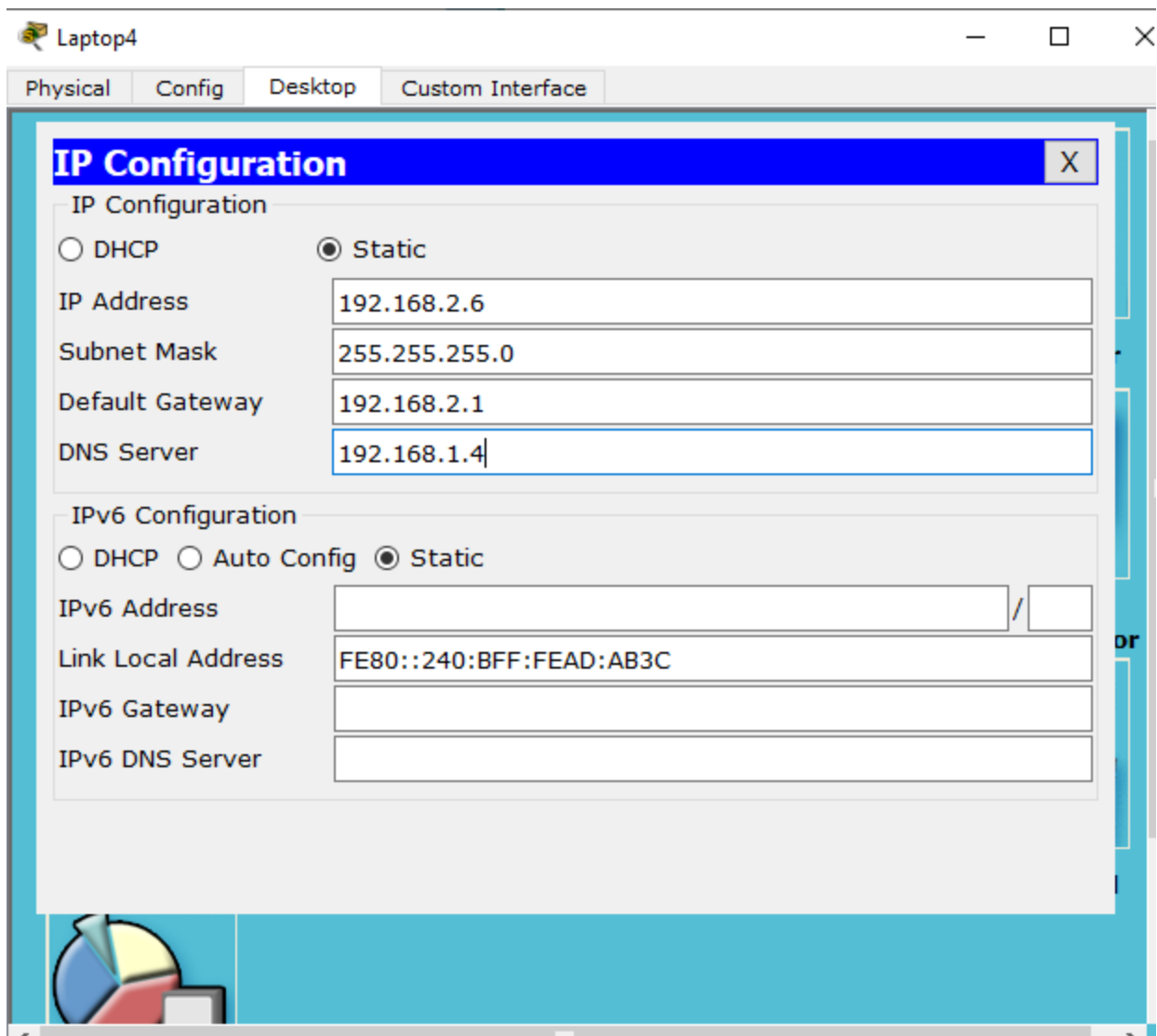
Link Local Address

FE80::201:C7FF:FE9E:3451

IPv6 Gateway

IPv6 DNS Server





IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.2.7

Subnet Mask 255.255.255.0

Default Gateway 192.168.2.1

DNS Server 192.168.1.4

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::2E0:A3FF:FE30:BCC6

IPv6 Gateway

IPv6 DNS Server

IP Configuration X

IP Configuration

☐ DHCP☒ Static

IP Address

192.168.2.8

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

192.168.1.4

IPv6 Configuration

☐ DHCP☐ Auto Config☒ Static

IPv6 Address

Link Local Address

FE80::200:CFF:FE25:AC49

IPv6 Gateway

IPv6 DNS Server

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.2.9

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.1

DNS Server 192.168.1.4

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::260:47FF:FE67:24D3

IPv6 Gateway

IPv6 DNS Server

Router0

Physical

Config

CLI

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet0/1

FastEthernet0/0

FastEthernet0/0

Port Status

☒ On

Bandwidth

☒ 100 Mbps

☐ 10 Mbps

☒ Auto

Duplex

☐ Half Duplex

☒ Full Duplex

☒ Auto

MAC Address

0003.E4B9.4301

IP Configuration

IP Address

192.168.2.1

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

```
Router(config-if)#ip address 192.168.2.1 255.255.255.0
Router(config-if)#no shutdown

Router(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
```

Physical Config CLI

GLOBAL	FastEthernet0/1	
Settings	Port Status	<input checked="" type="checkbox"/> On
Algorithm Settings	Bandwidth	<input checked="" type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
ROUTING	Duplex	<input checked="" type="radio"/> Half Duplex <input type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
Static	MAC Address	0003.E4B9.4302
RIP	IP Configuration	
INTERFACE	IP Address	192.168.3.1
FastEthernet0/0	Subnet Mask	255.255.255.0
FastEthernet0/1	Tx Ring Limit	10

Equivalent IOS Commands

```
Router(config-if)#  
Router(config-if)#exit  
Router(config)#interface FastEthernet0/1  
Router(config-if)#no shutdown  
  
Router(config-if)#  
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up  
ip address 192.168.3.1 255.255.255.0  
Router(config-if)#
```

Router1

Physical

Config

CLI

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet0/1

FastEthernet0/0

Port Status

☒ On

Bandwidth

☒ 100 Mbps
☐ 10 Mbps
☒ Auto

Duplex

☐ Half Duplex
☒ Full Duplex
☒ Auto

MAC Address

0090.0C1E.D001

IP Configuration

IP Address

192.168.3.2

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

```

Router(config-if)#ip address 192.168.3.2 255.255.255.0
Router(config-if)#no shutdown

Router(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

```

Router1

Physical

Config

CLI

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet0/1

FastEthernet0/1

FastEthernet0/1

Port Status

☒ On

Bandwidth

☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex

☒ Half Duplex ☐ Full Duplex ☒ Auto

MAC Address

0090.0C1E.D002

IP Configuration

IP Address

192.168.1.1

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

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

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to
up
ip address 192.168.1.1 255.255.255.0
Router(config-if)#
```

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IP Address	192.168.2.2
Subnet Mask	255.255.255.0
Default Gateway	192.168.2.1
DNS Server	192.168.1.4

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address	<input type="text"/> / <input type="text"/>
Link Local Address	FE80::20A:F3FF:FE7E:863D
IPv6 Gateway	<input type="text"/>
IPv6 DNS Server	<input type="text"/>

