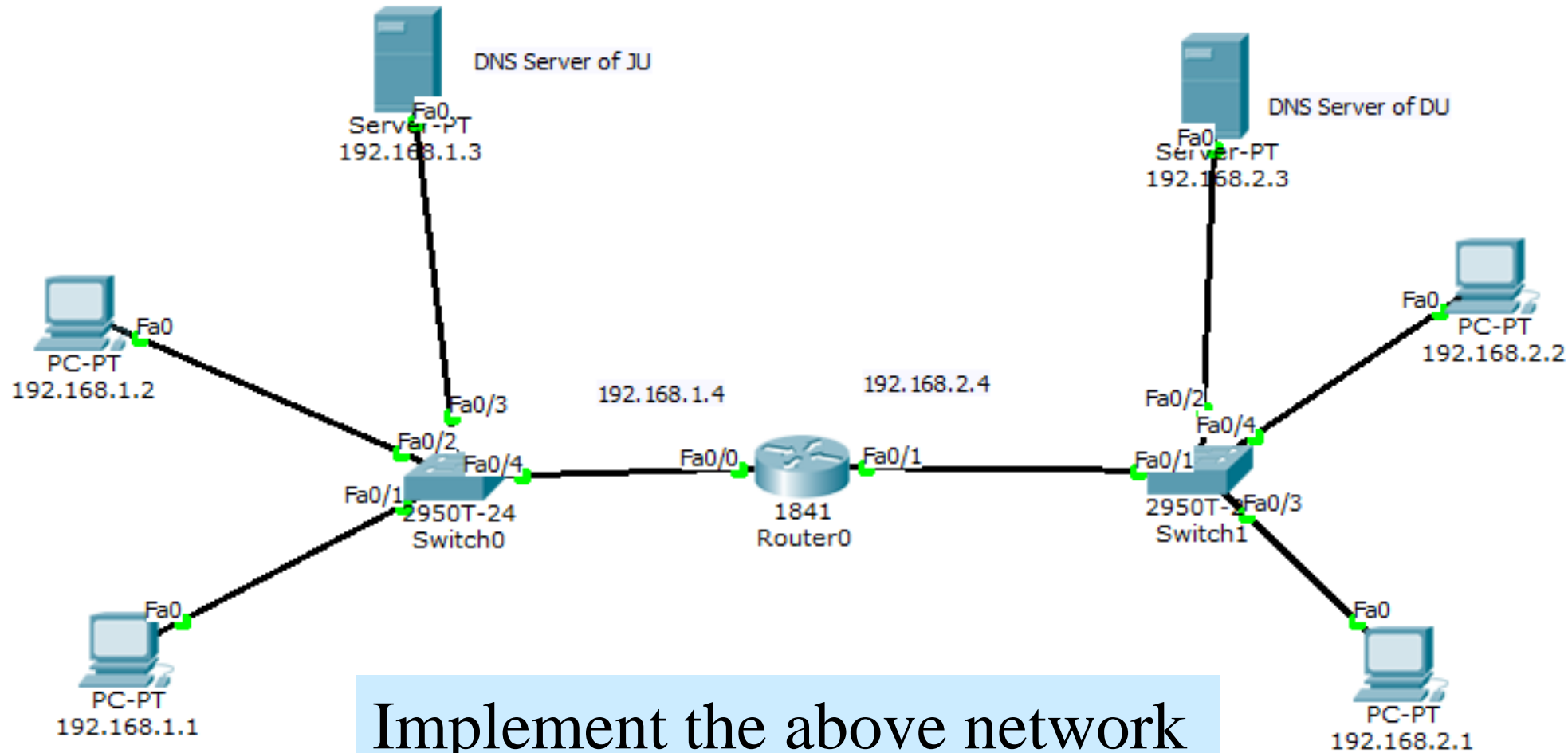


DNS Server Configuration



IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address: 192.168.1.2

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.1.4

DNS Server: 192.168.1.3

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address: 192.168.1.1

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.1.4

DNS Server: 192.168.1.3

IP Configuration

Interface: FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IP Address: 192.168.1.3

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.1.4

DNS Server: 192.168.1.3

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address: 192.168.2.1

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.2.4

DNS Server: 192.168.2.3

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address: 192.168.2.2

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.2.4

DNS Server: 192.168.2.3

IP Configuration

Interface: FastEthernet0

IP Configuration

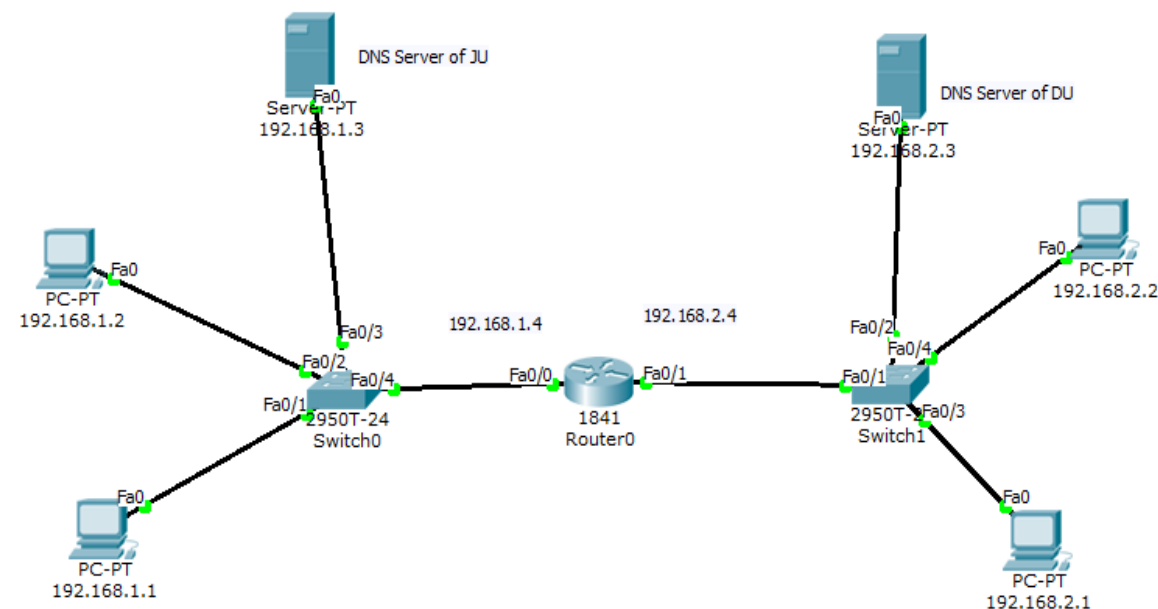
☐ DHCP ☒ Static

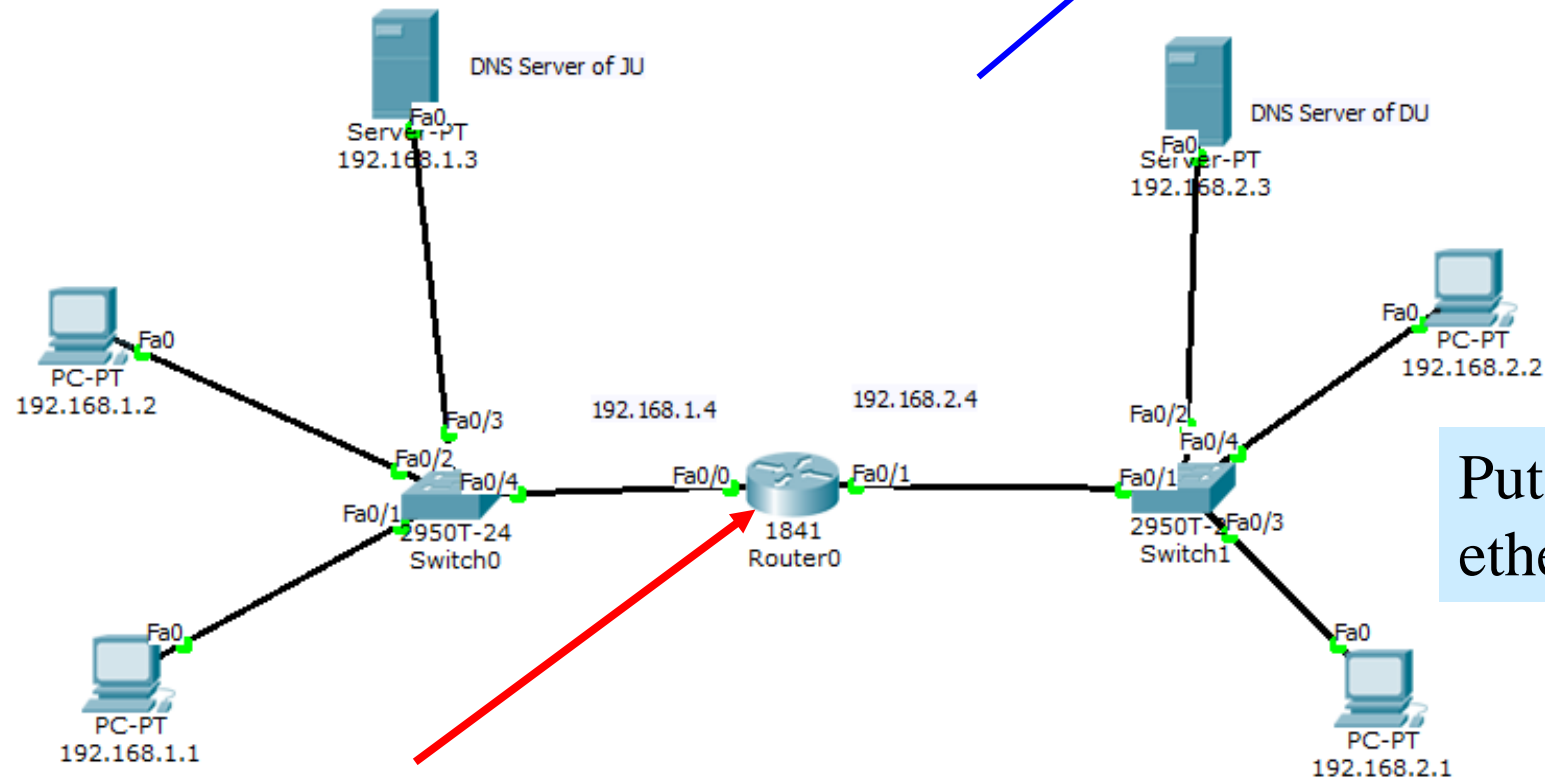
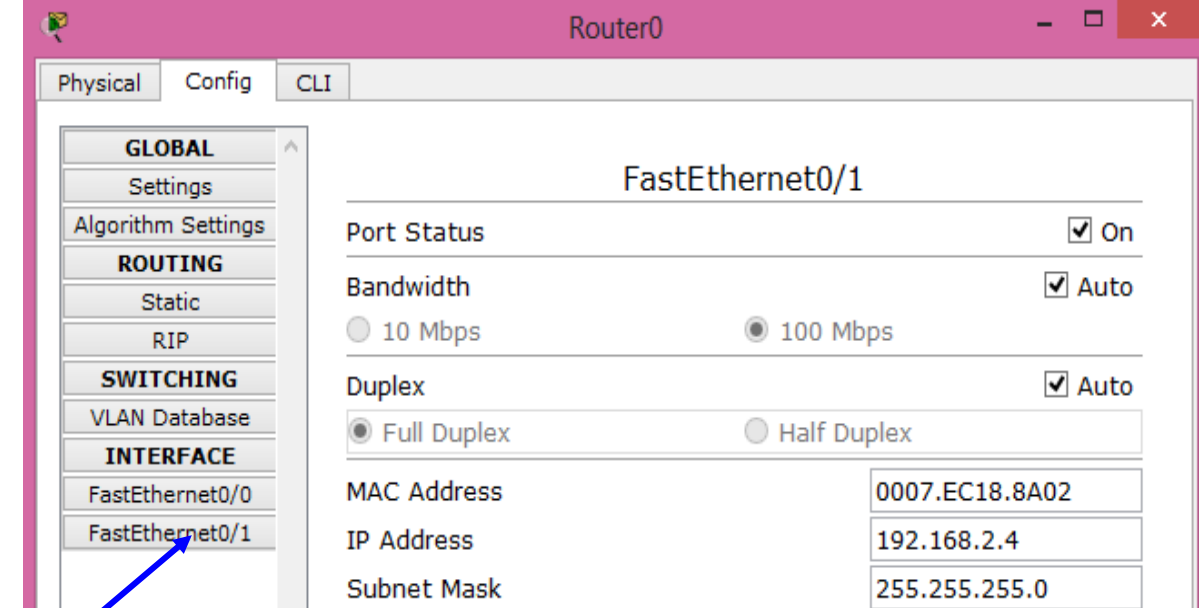
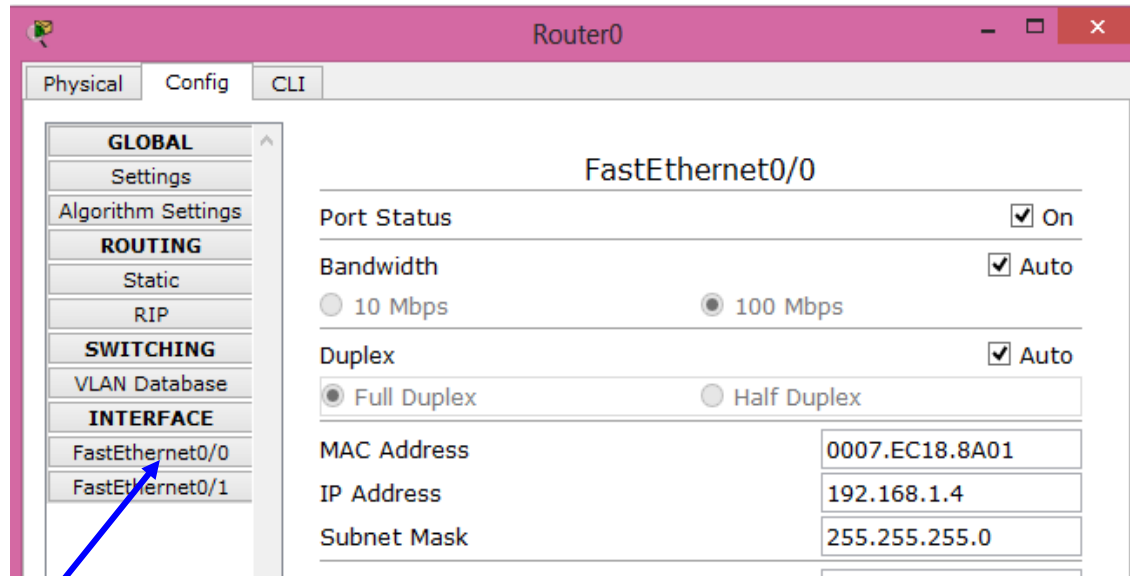
IP Address: 192.168.2.3

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.2.4

DNS Server: 192.168.2.3





Put IP address on each ethernet port of the router

Server0

Physical Config Services Desktop Custom Interface

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	www.du.edu	A Record	192.168.2.3
1	www.ju.edu	A Record	192.168.1.3

Server1

Physical Config Services Desktop Custom Interface

SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS**
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP

DNS

DNS Service ☐ On ☒ Off

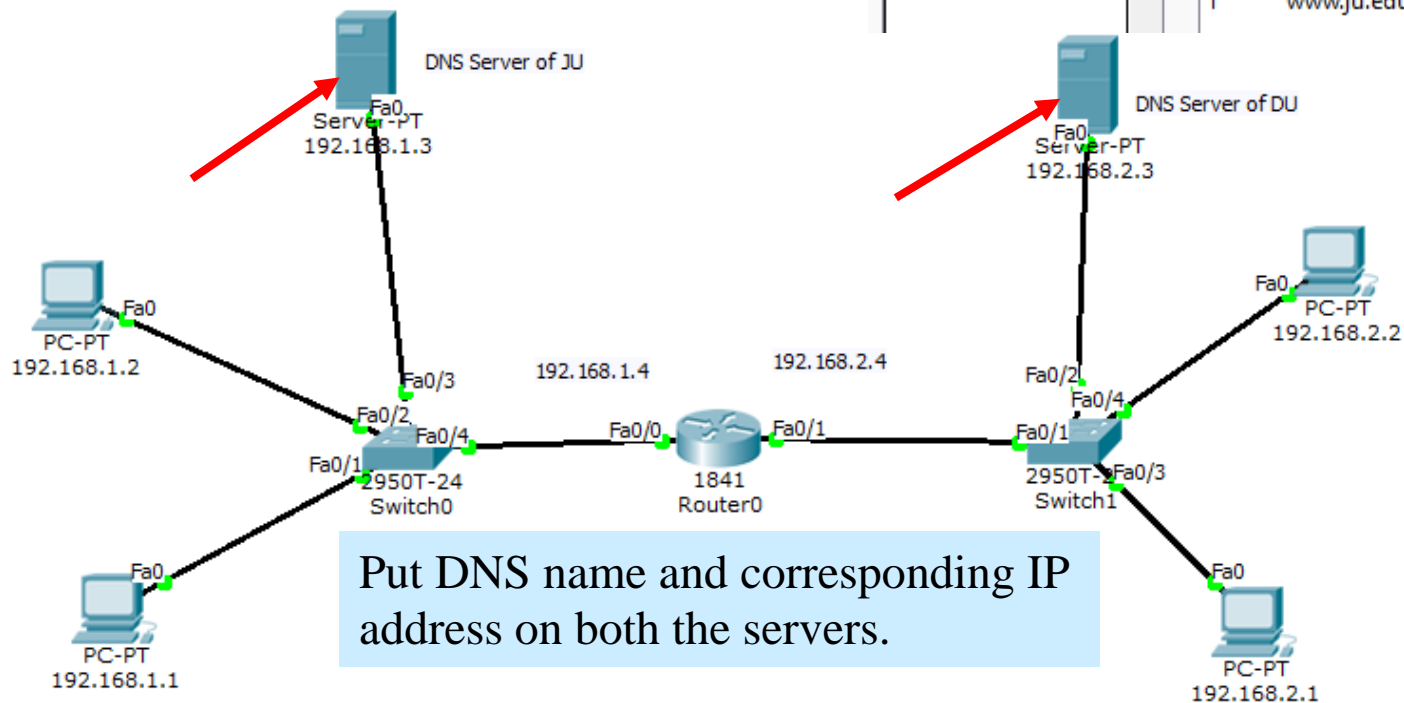
Resource Records

Name Type A Record ▼

Address

Add Save Remove

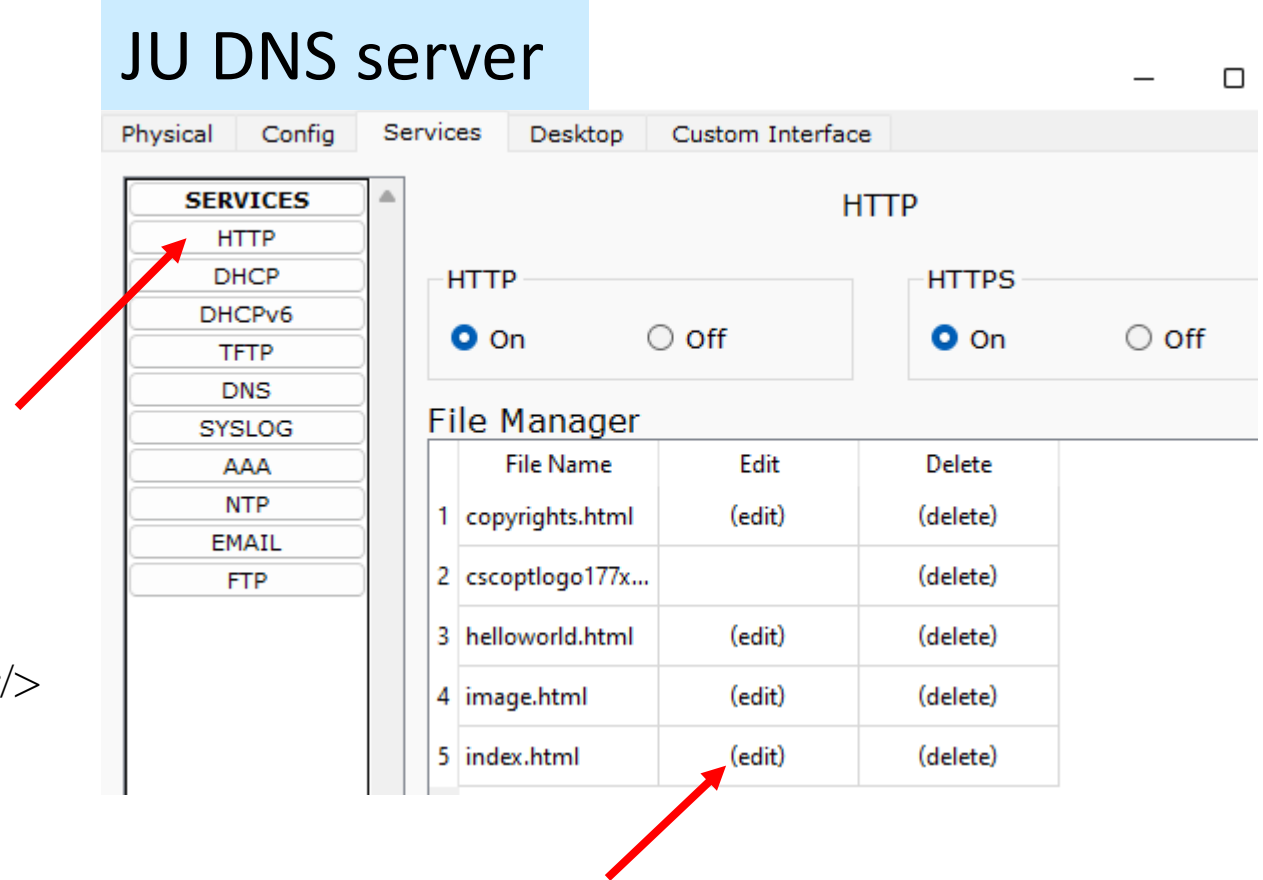
No.	Name	Type	Detail
0	www.du.edu	A Record	192.168.2.3
1	www.ju.edu	A Record	192.168.1.3



```

<html>
<head>
<title>
<h1>This is CSE of Jahangirnagar University</h1>
</title>
</head>
<body>
This is fourth year student of Jahangirnagar University<br/>
<i> Our favorite course is CSE-405 </i> <br/>
<h3> We will take project this year </h3> <br/>
<p style="font-size:36px; text-align:center;">
Our M.Sc class will star soon </p>
<h3 style="font-family:arial;color:blue;"> We will take thesis in next year </h3> <br/>
<h3 style="font-family:arial;color:red;"> We will take thesis in next year </h3> <br/>
</body>
</html>

```



Load the above HTML code on JU DNS Server

JU DNS server

Rename the file

Physical Config Services Desktop Custom Interface

SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP

File Name: ju.html

```
<html>
<head>
<title>
<h1>This is CSE of Jahangirnagar University</h1>
</title>
</head>
<body>
This is fourth year student of Jahangirnagar University<br/>
<i> Our favorite course is CSE-405 </i> <br/>
<h3> We will take project this year </h3> <br/>
<p style="font-size:36px; text-align:center;">
Our M.Sc class will star soon </p>
<h3 style="font-family:arial;color:blue;"> We will take thesis in
next year </h3> <br/>
<h3 style="font-family:arial;color:red;"> We will take thesis in
next year </h3> <br/>
</body>
</html>
```

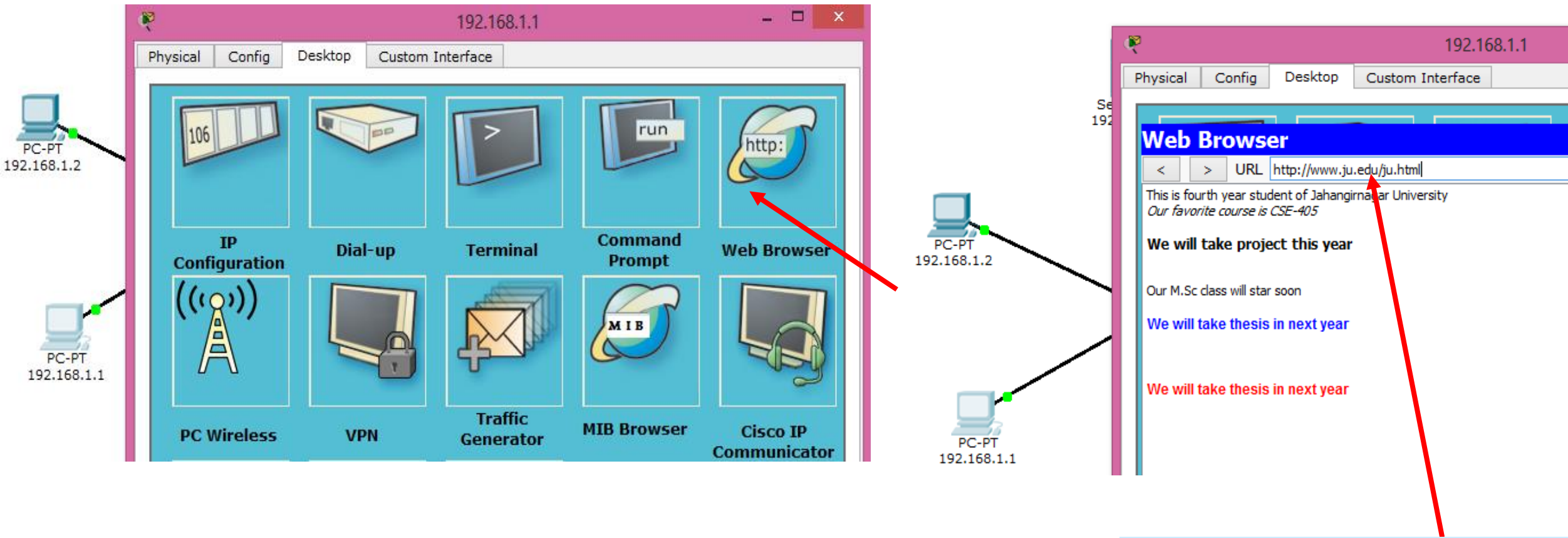
File Manager Save

Save the file

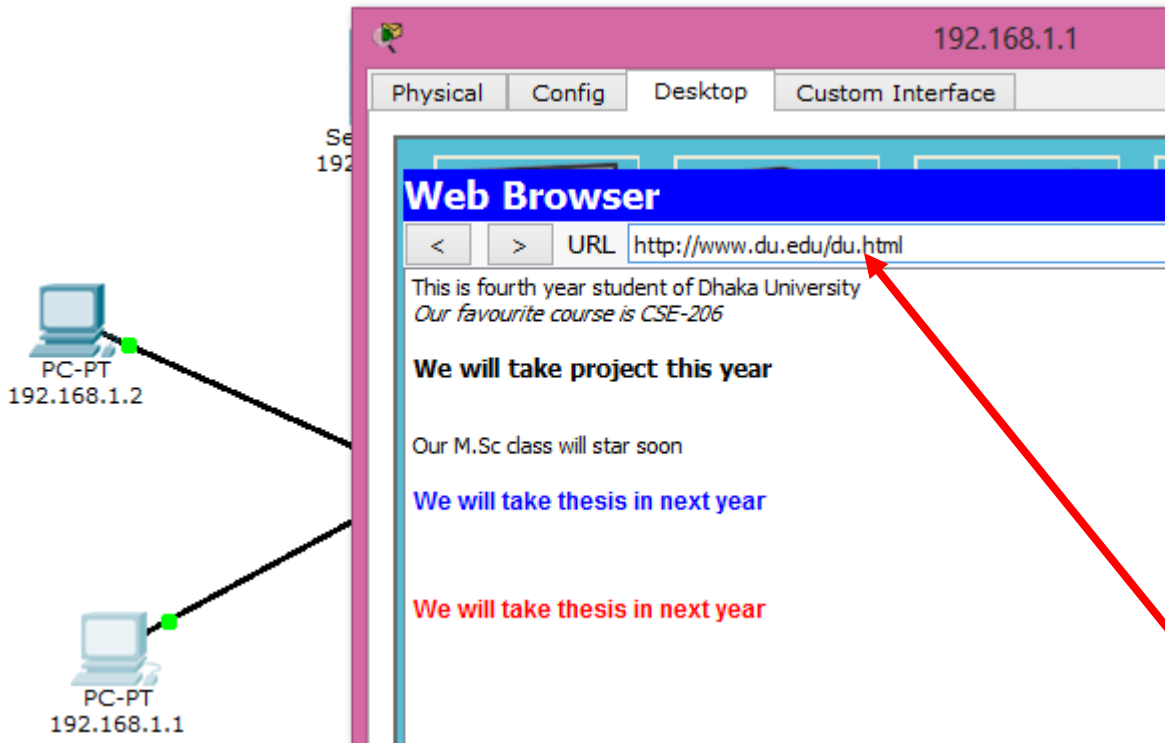
```
<html>
<head>
<title>
<h1>This is CSE of Dhaka University</h1>
</title>
</head>
<body>
This is fourth year student of Dhaka University<br/>
<i> Our favourite course is CSE-206 </i> <br/>
<h3> We will take project this year </h3> <br/>
<p style="font-size:36px; text-align:center;">
Our M.Sc class will star soon </p>
<h3 style="font-family:arial;color:blue;"> We will take thesis in next year </h3> <br/>
<h3 style="font-family:arial;color:red;"> We will take thesis in next year </h3> <br/>
</body>
</html>
```

Load the above HTML code on DU DNS Server and rename the file as *du.html*

Now Browse the URL page of each server from any terminal.



www.ju.edu/ju.html



www.du.edu/ju.html

Verify *ping*, *tracert* and *ipconfig* commands on the command prompt of the client.

```
PC>ping www.ju.edu

Pinging 192.168.1.3 with 32 bytes of data:

Reply from 192.168.1.3: bytes=32 time=0ms TTL=128
Reply from 192.168.1.3: bytes=32 time=0ms TTL=128
Reply from 192.168.1.3: bytes=32 time=0ms TTL=128
Reply from 192.168.1.3: bytes=32 time=0ms TTL=128

Ping statistics for 192.168.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

PC>tracert www.ju.edu

Tracing route to 192.168.1.3 over a maximum of 30 hops:

  1    0 ms      0 ms      0 ms      192.168.1.3

Trace complete.

PC>|
```

```
PC>ipconfig

FastEthernet0 Connection: (default port)

    Link-local IPv6 Address . . . . . : FE80::2D0:97FF:FE21:3008
    IP Address. . . . . : 192.168.1.2
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.4
```