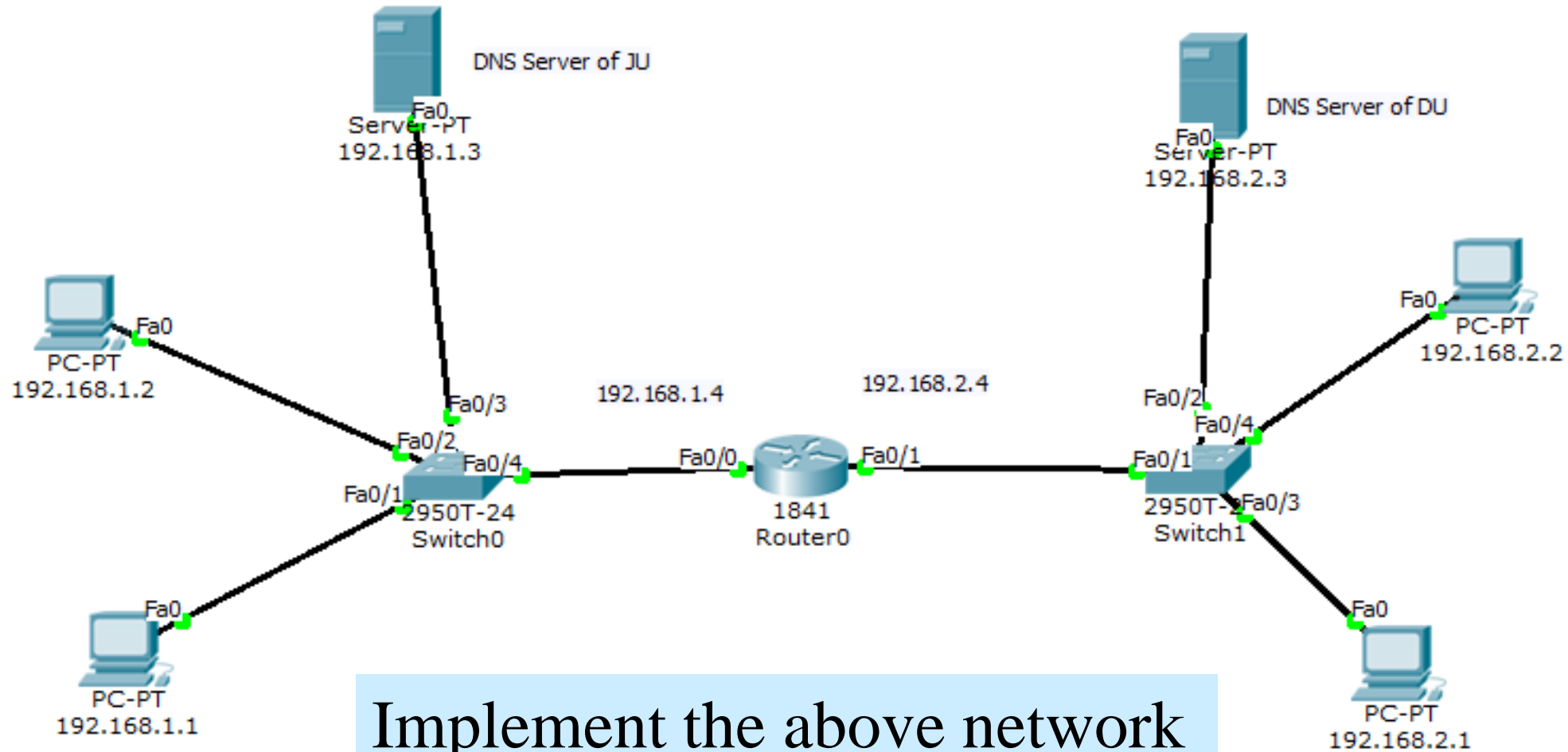


DNS Server Configuration



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

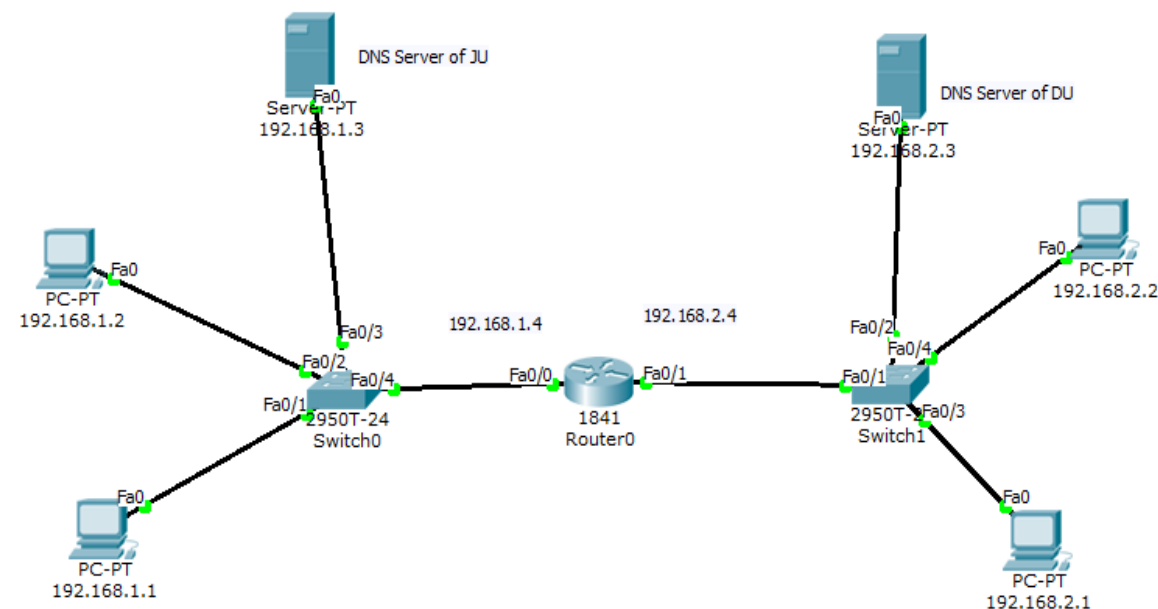
☐ DHCP ☒ Static

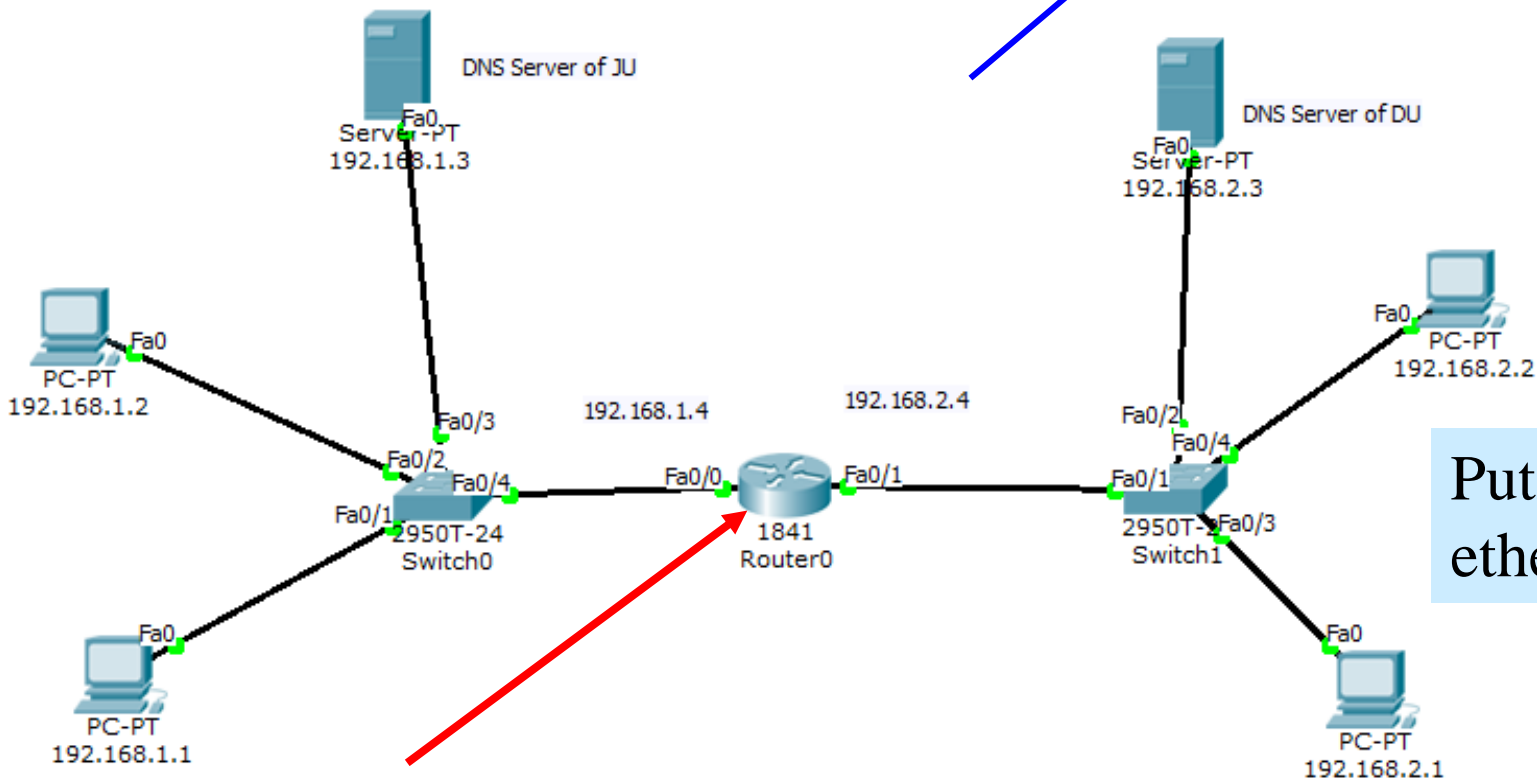
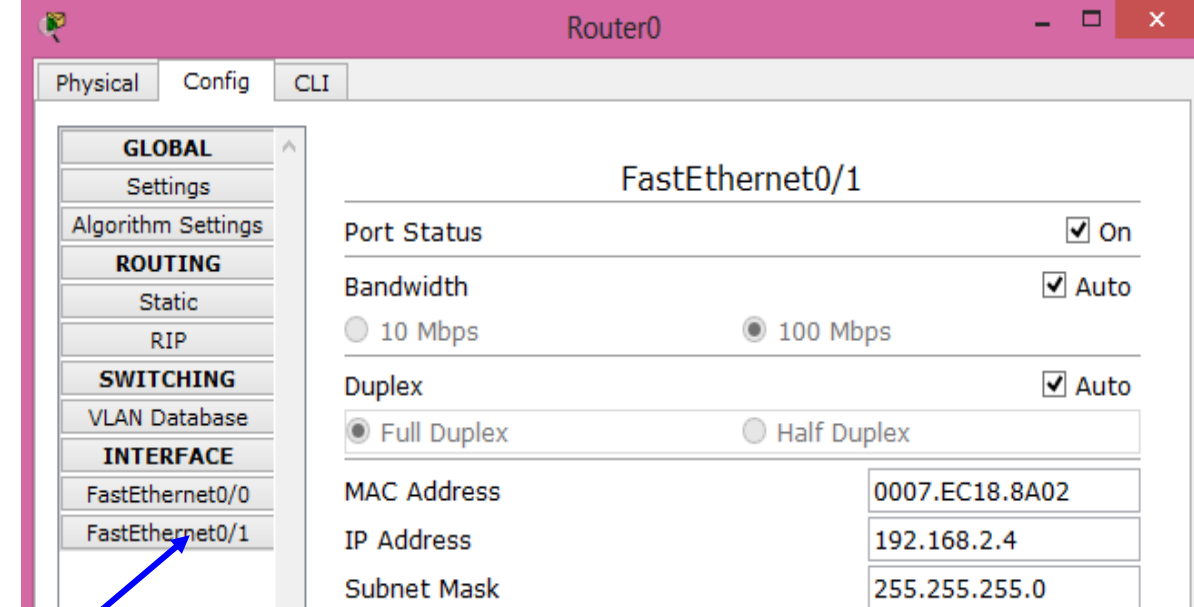
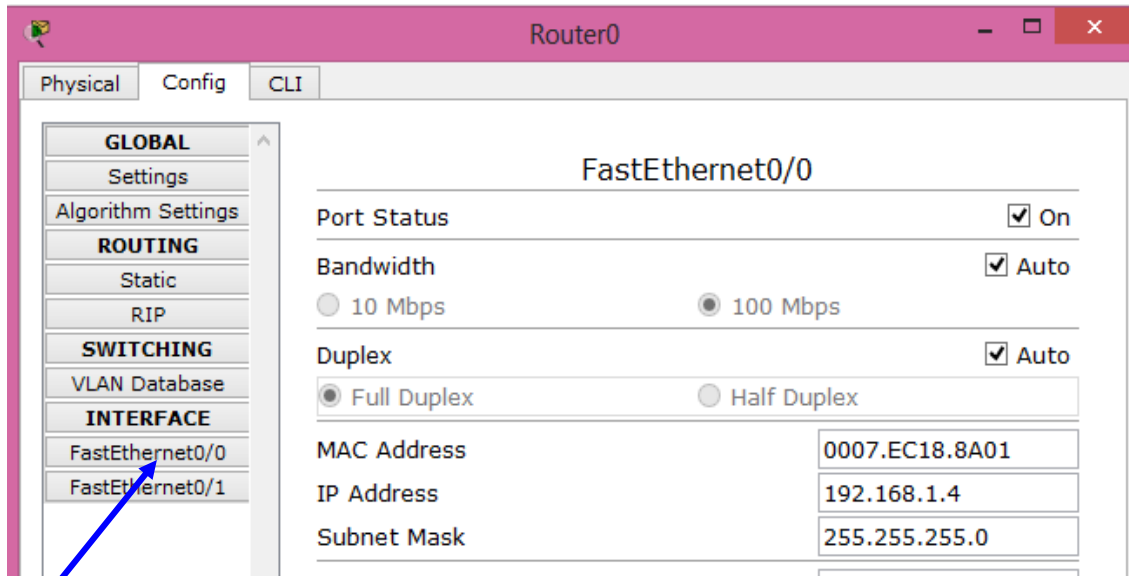
IP Address: 192.168.2.3

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

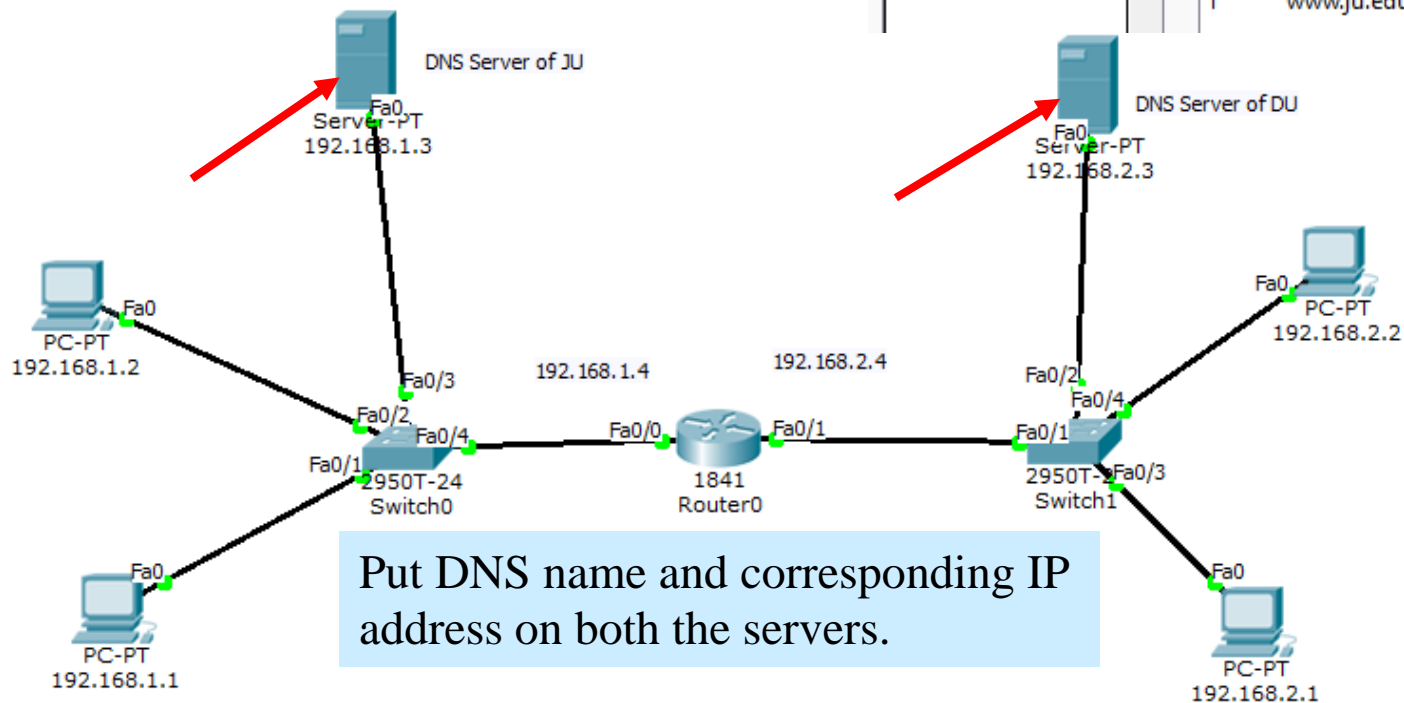
Resource Records

Name Type A Record

Address

Add Save Remove

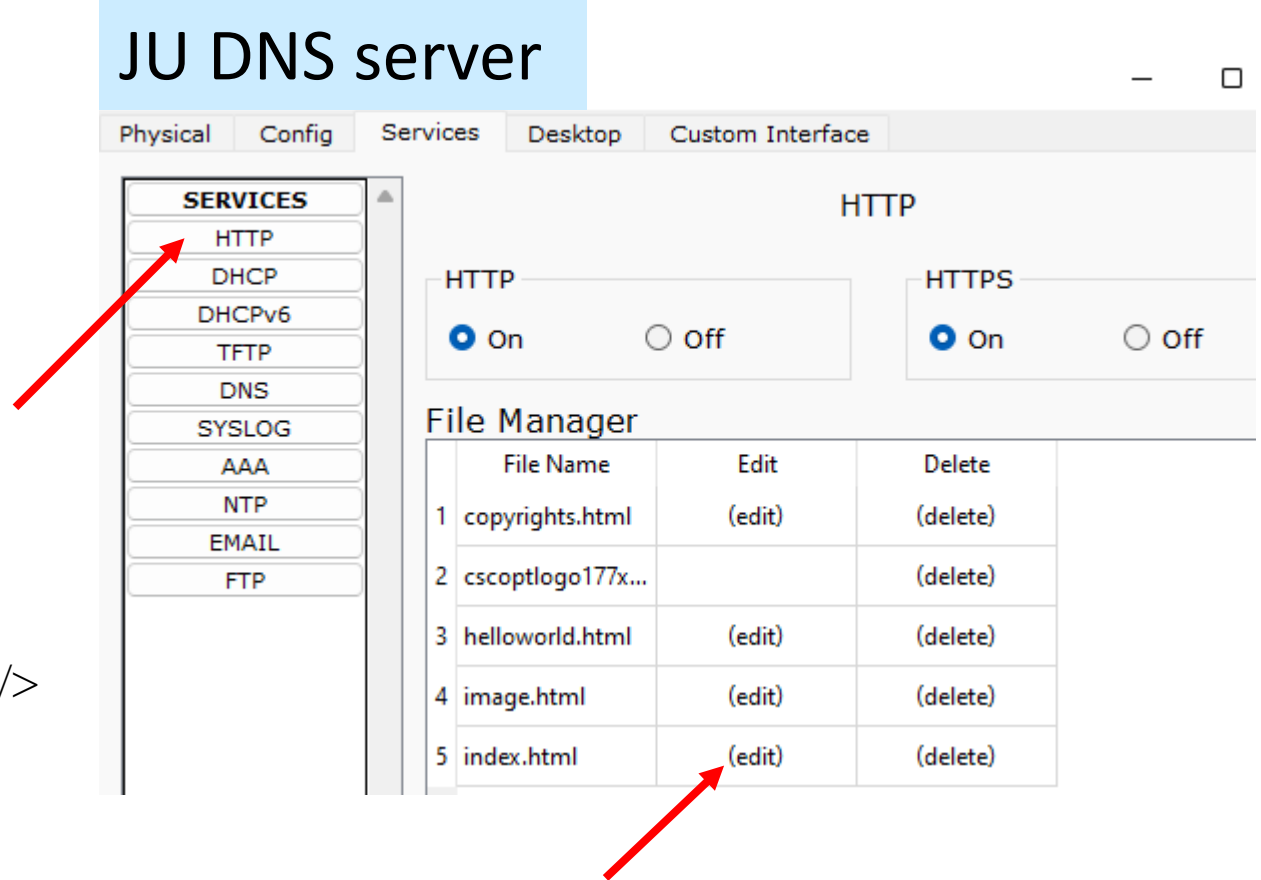
No.	Name	Type	Detail
0	www.du.edu	A Record	192.168.2.3
1	www.ju.edu	A Record	192.168.1.3



```

<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>
```

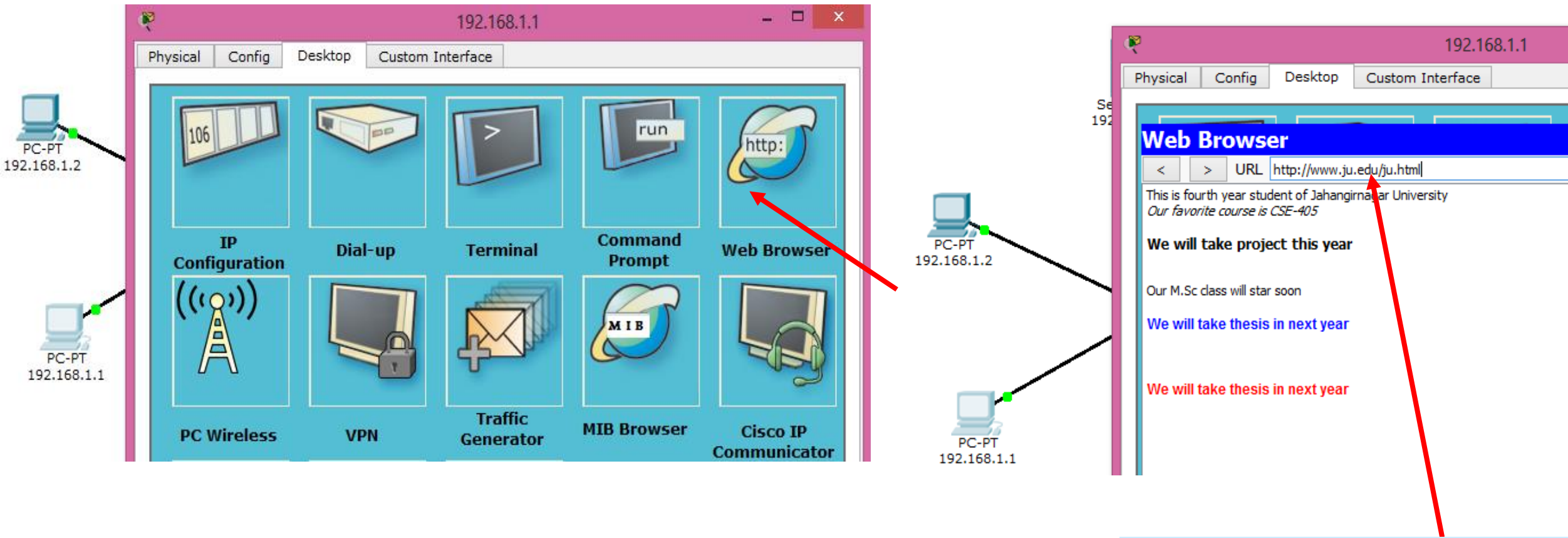
File Manager Save

Save the file

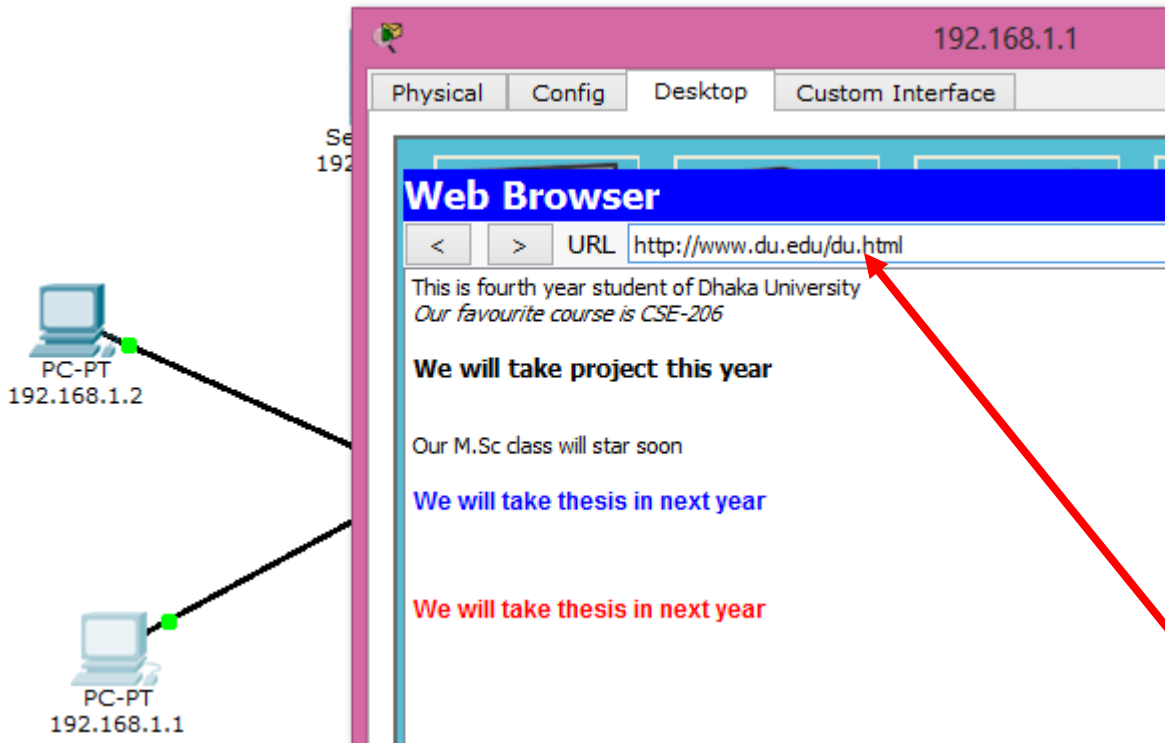
```
<html>
<head>
<title>
<h1>This is CSE of Dhaka University</h1>
</title>
</head>
<body>
This is fourth year student of Dhaka University<br/>
<i> Our favourite course is CSE-206 </i> <br/>
<h3> We will take project this year </h3> <br/>
<p style="font-size:36px; text-align:center;">
Our M.Sc class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