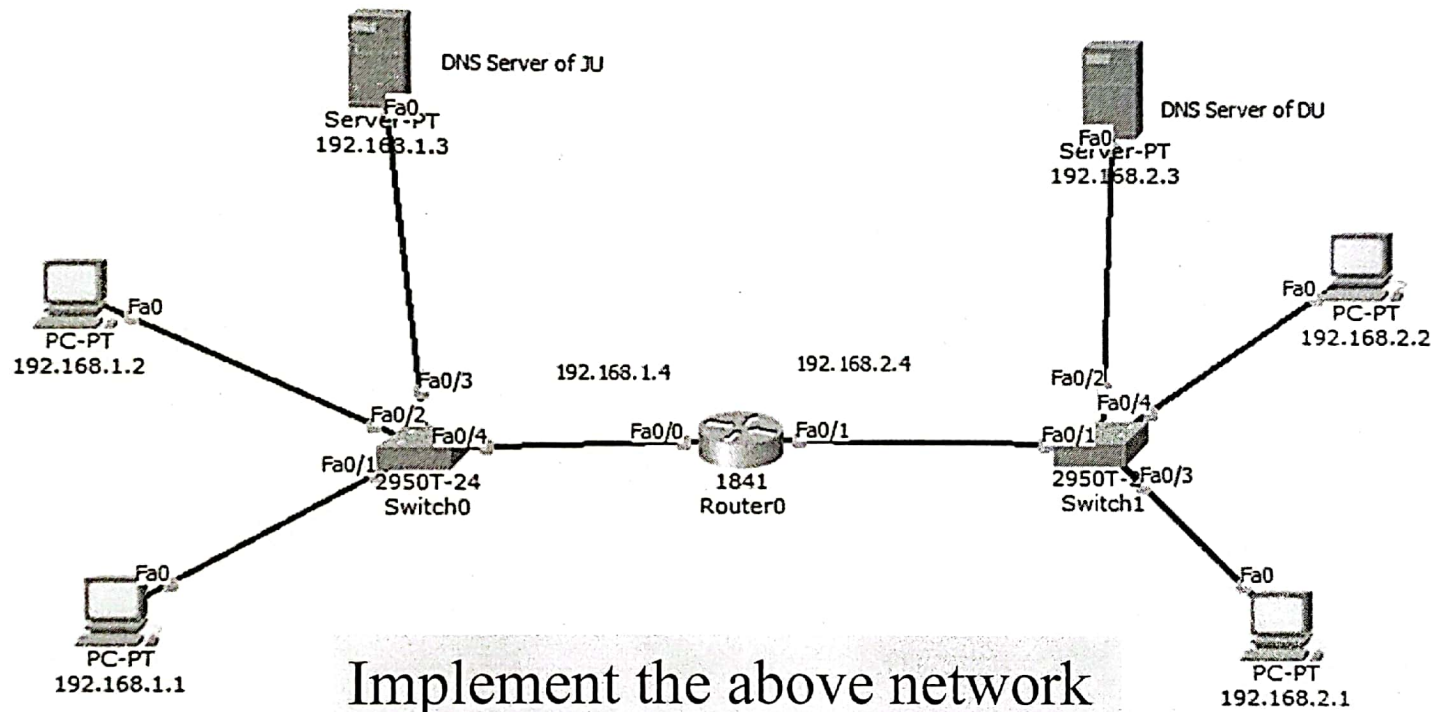


# DNS Server Configuration



Implement the above network

# 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 192.168.2.1  
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 192.168.1.1  
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 192.168.2.2  
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 192.168.1.3  
Subnet Mask 255.255.255.0  
Default Gateway 192.168.1.4  
DNS Server 192.168.1.3

# IP Configuration

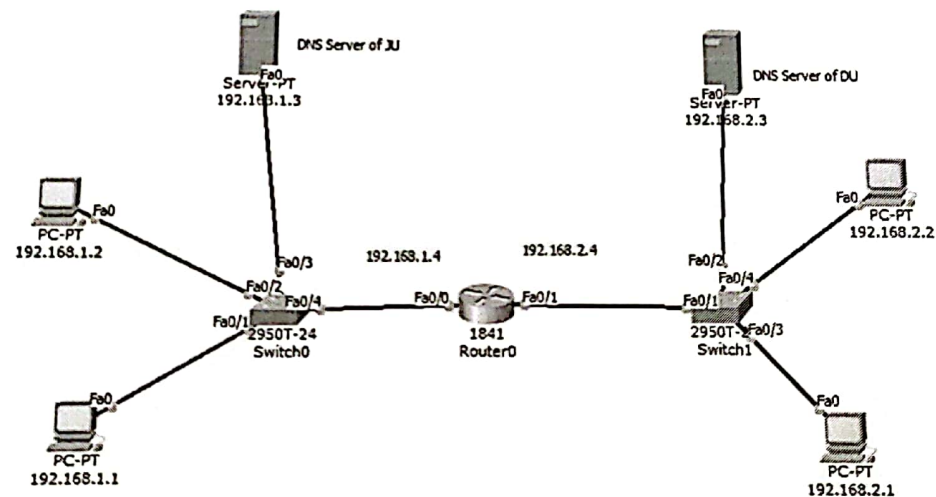
Interface

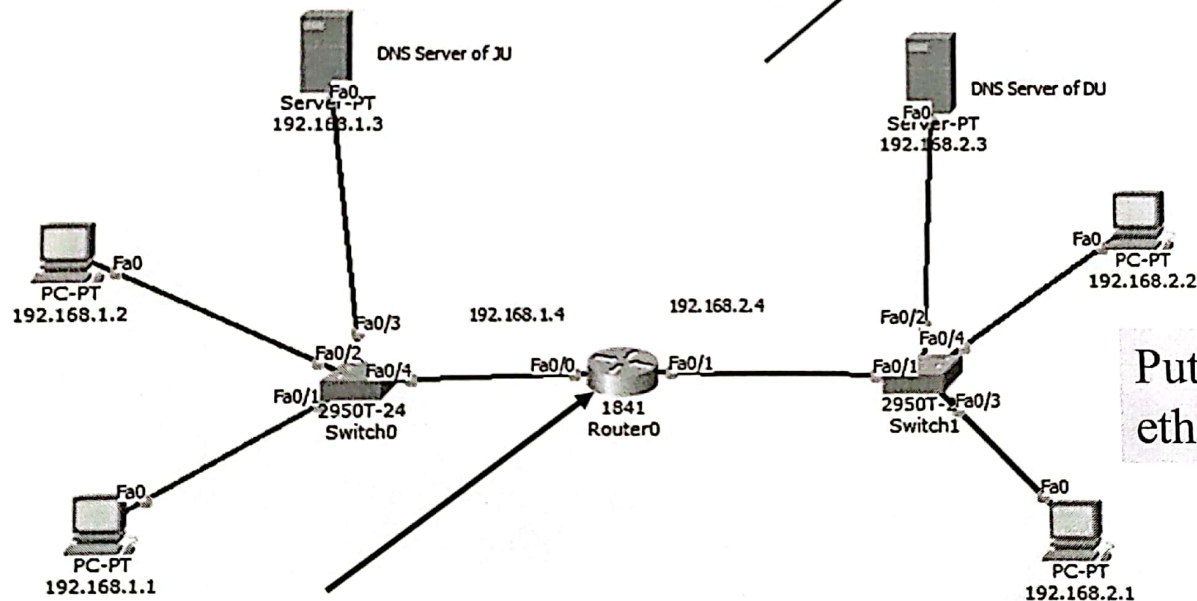
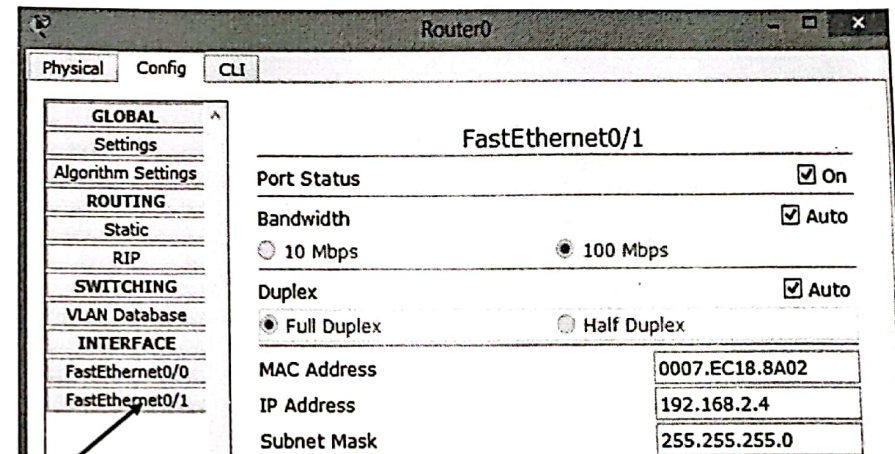
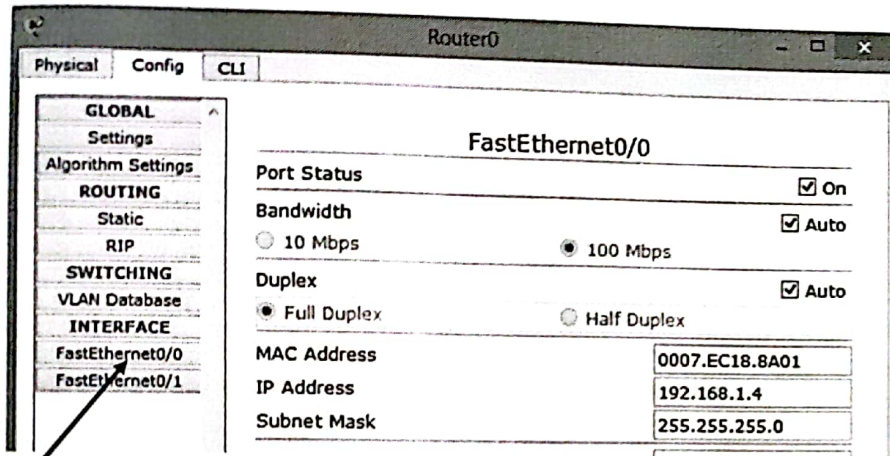
FastEthernet0

IP Configuration

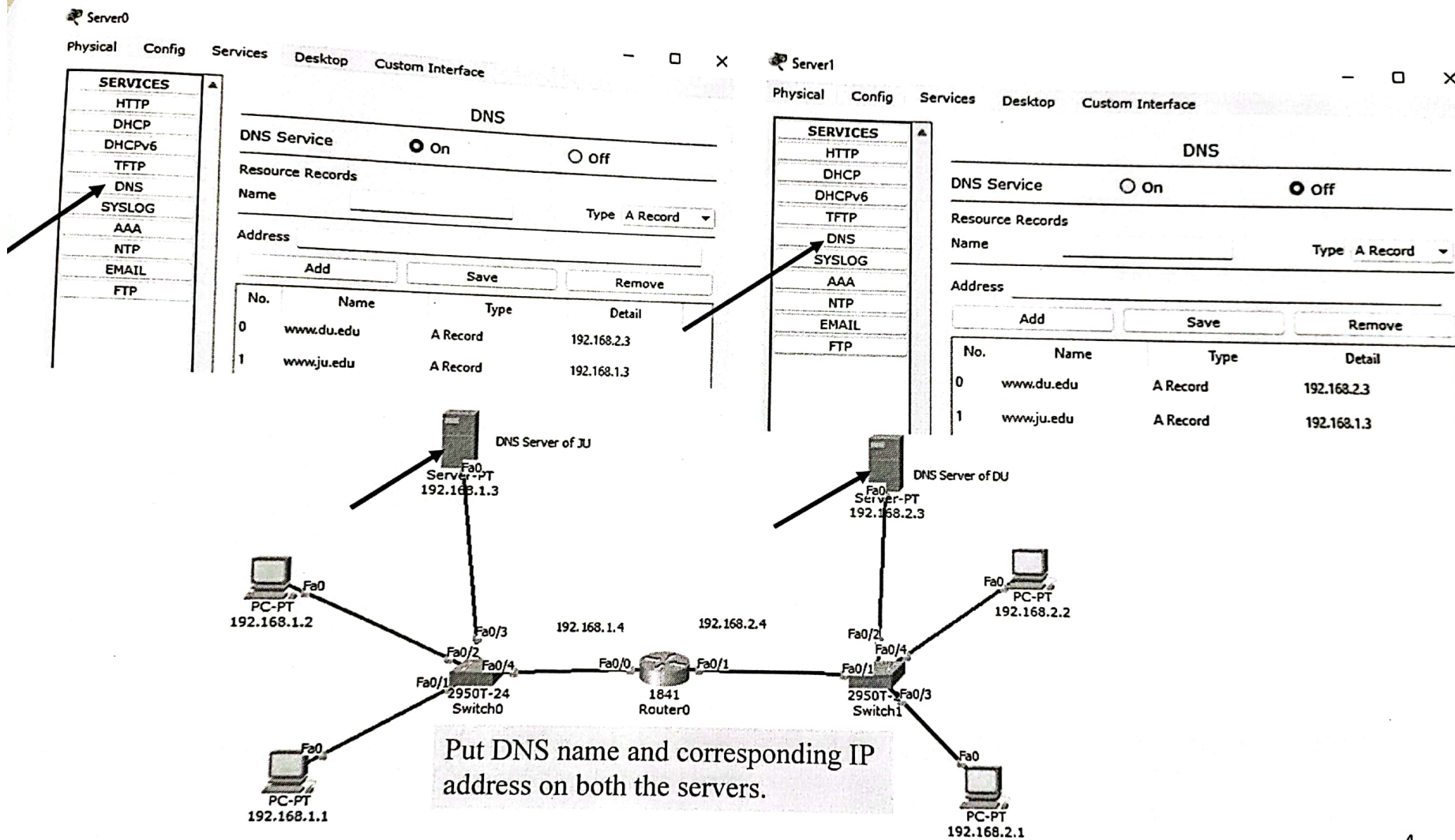
☐ DHCP ☒ Static

IP Address 192.168.2.3  
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

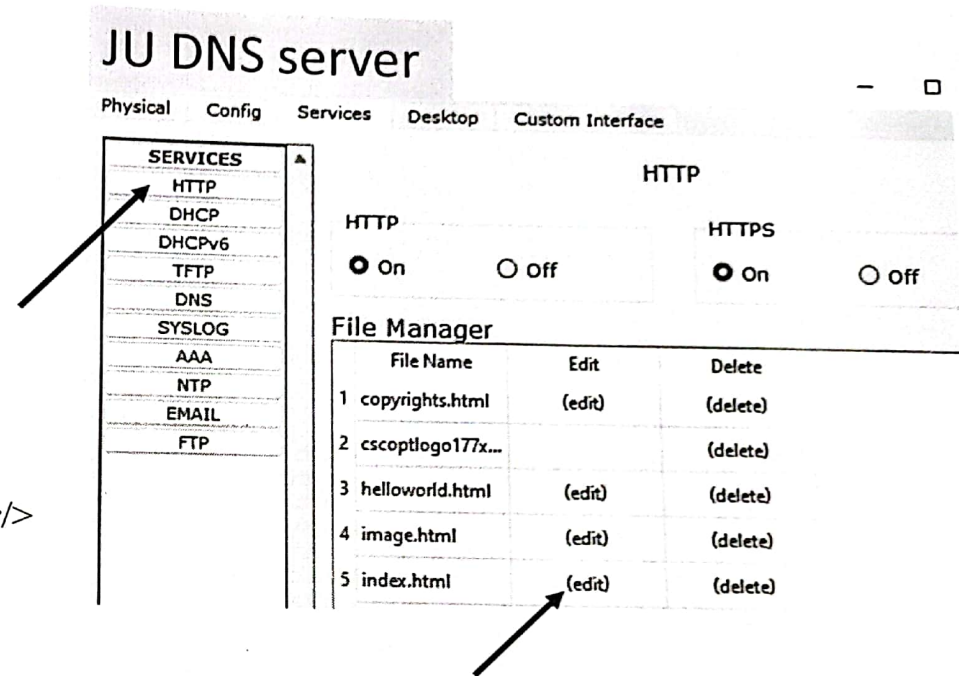




```

<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

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>
```

Rename the file

File Manager

Save

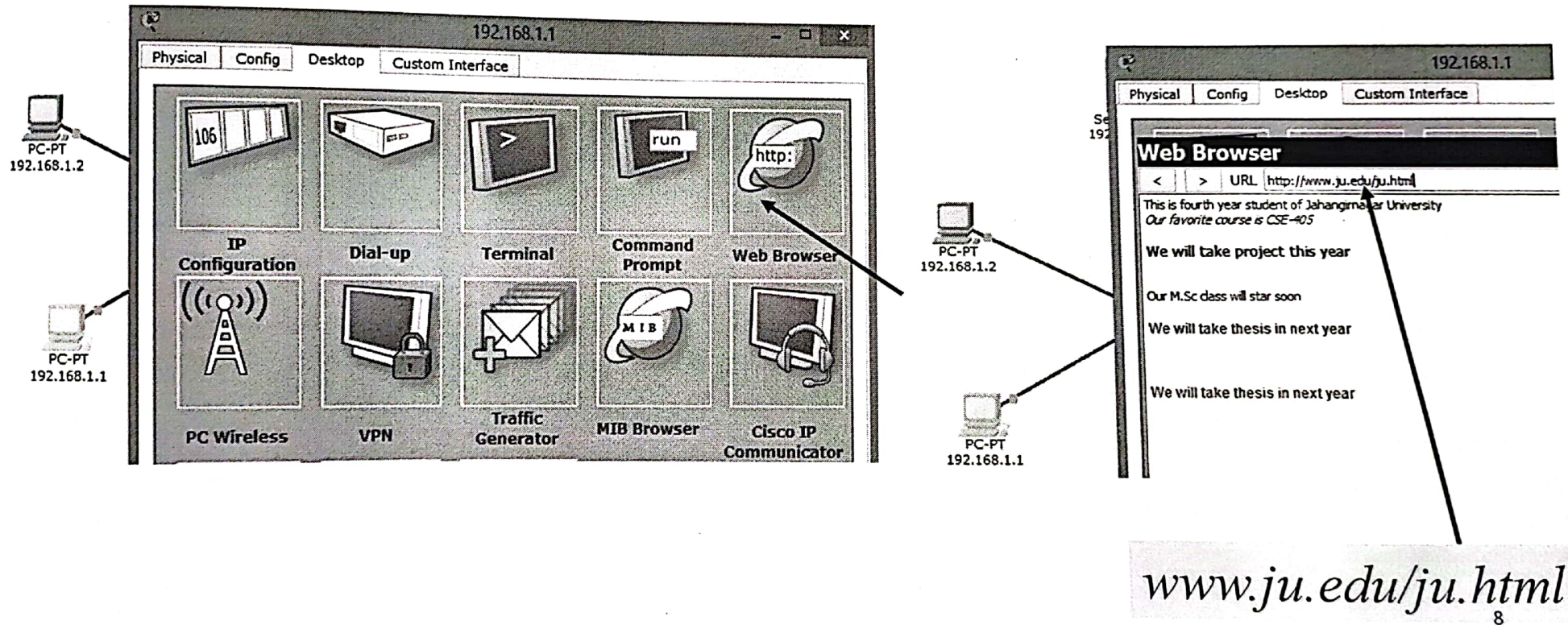
Save the file

```
<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>
```

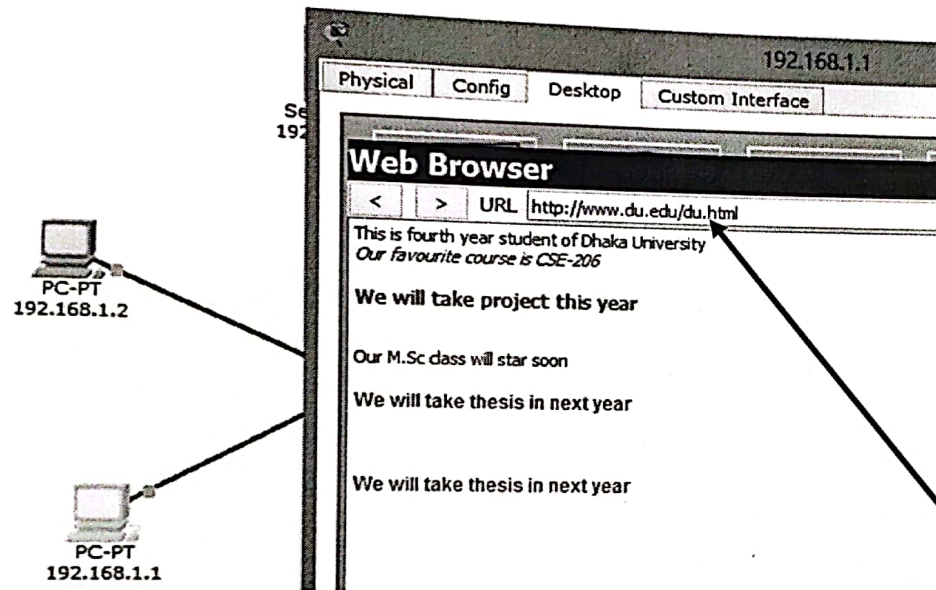
Load the above HTML code on DU DNS Server and rename the file as *du.html*



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







*www.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:FE21:3009
    IP Address. . . . . : 192.168.1.2
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.4
```