Izaan Mohtashim

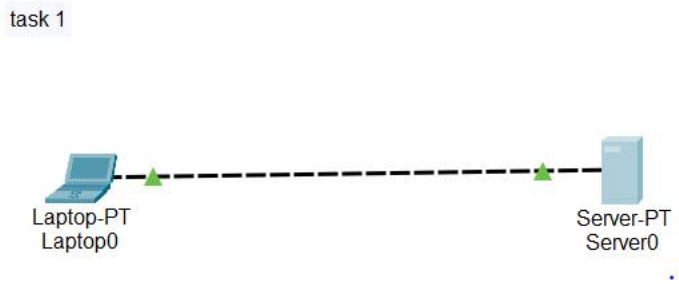
P20-0613

Sec 5A

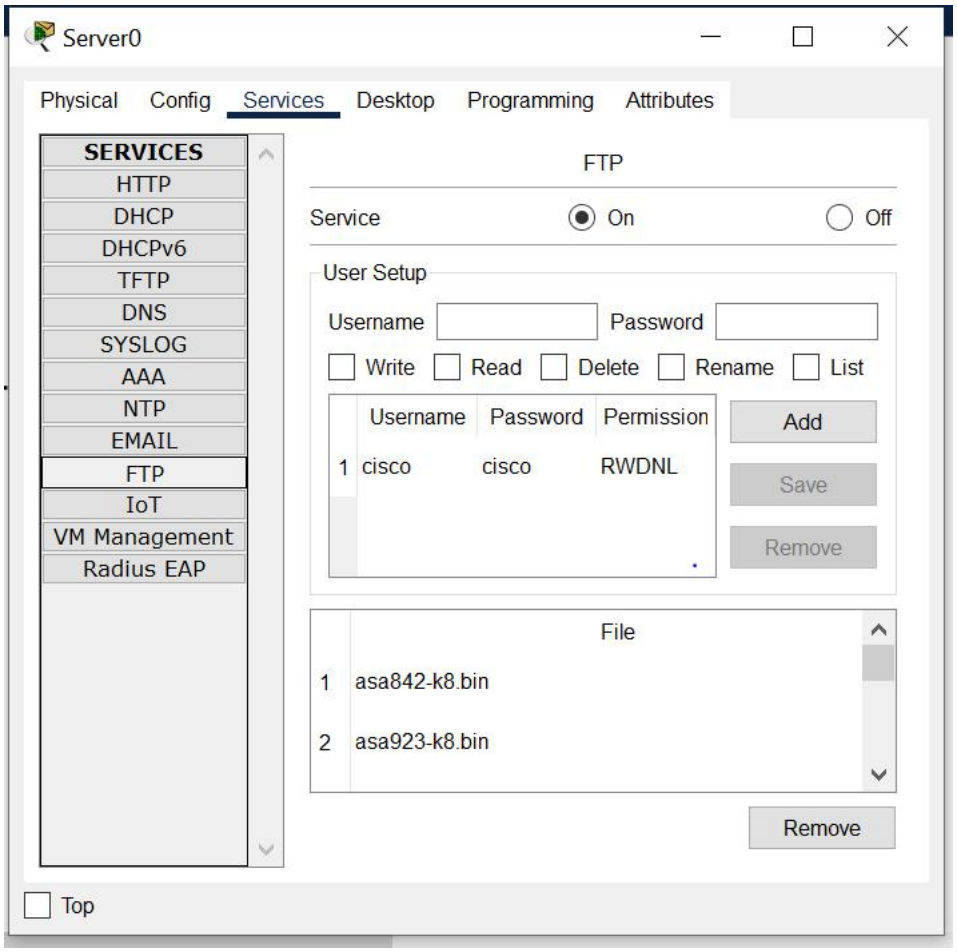
# Computer Networks

## Lab Task6

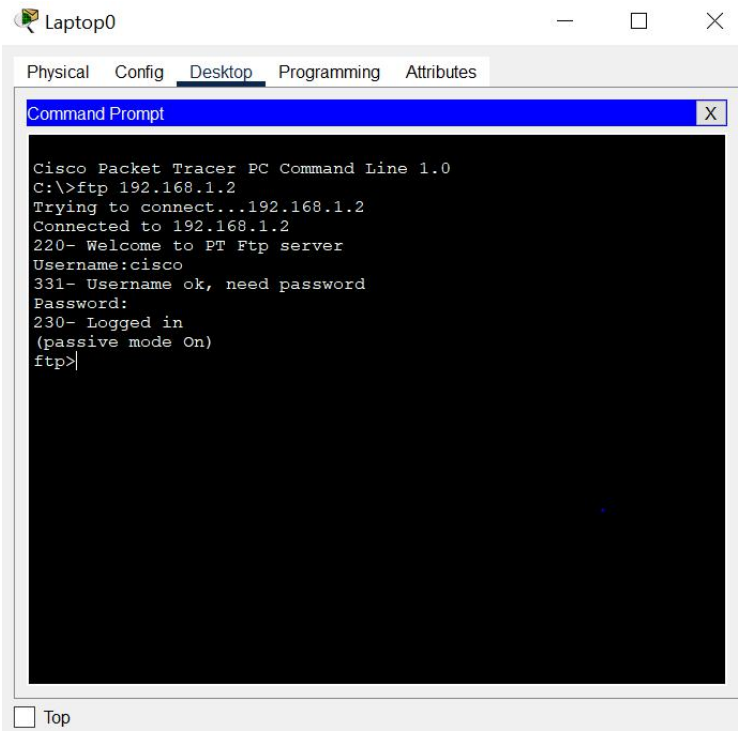
# TASK 1:



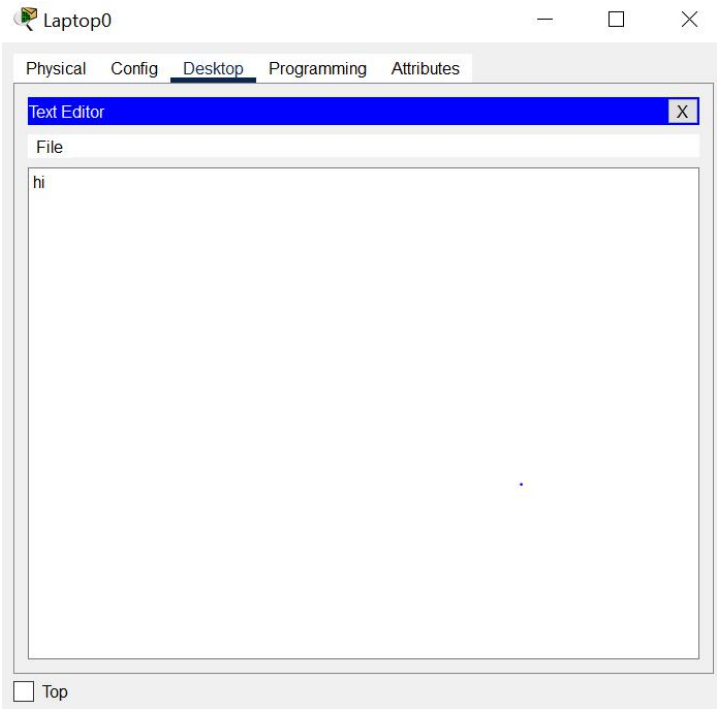

Activate the ftp server services, and add a new client or use an existing one for this activity.



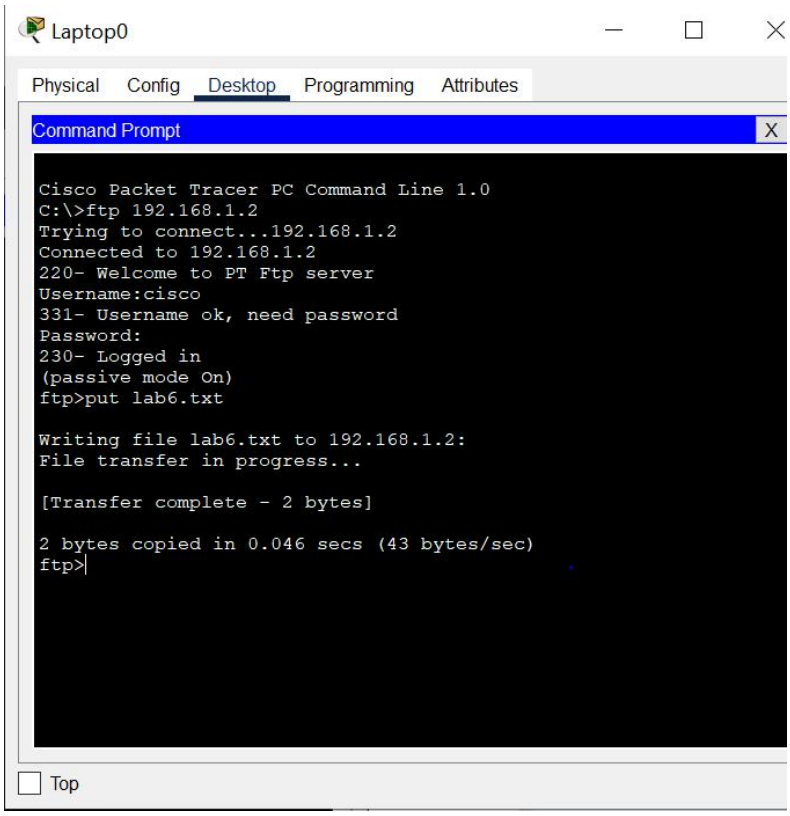
Connect to the server using ftp at 192.168.1.2 (server's IP address), then enter a username and password to connect.



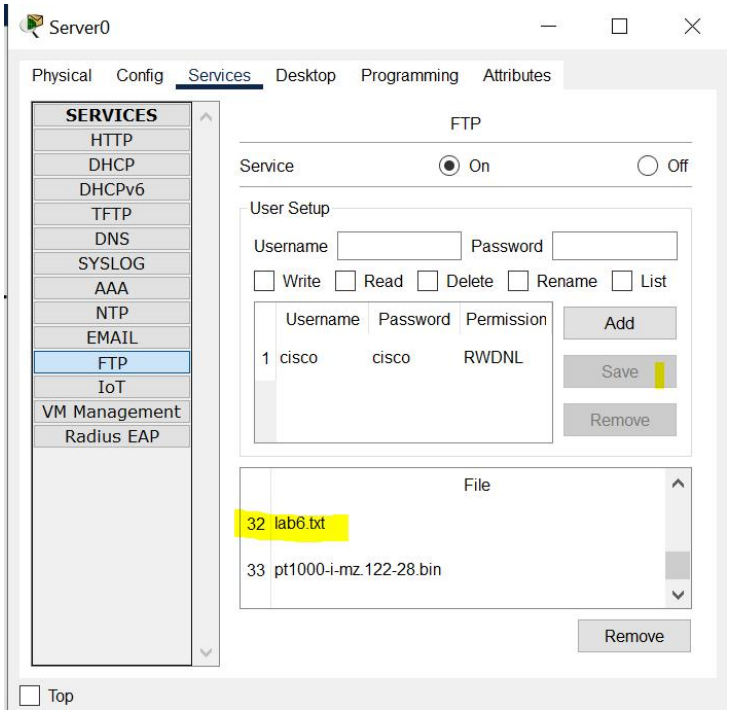

Create text file by text editor



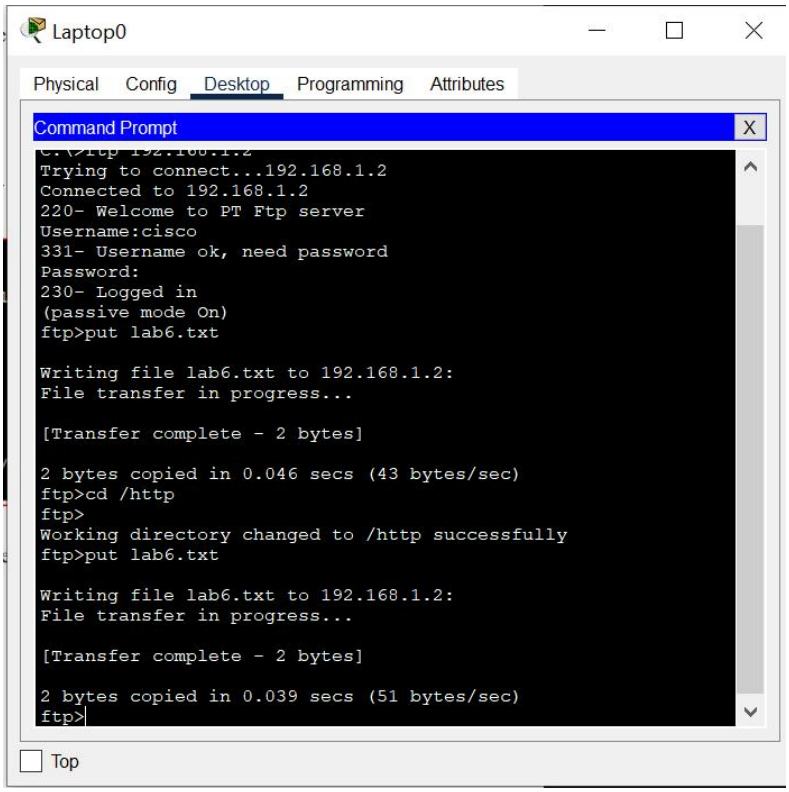
Use command put file name to put or upload the file to server



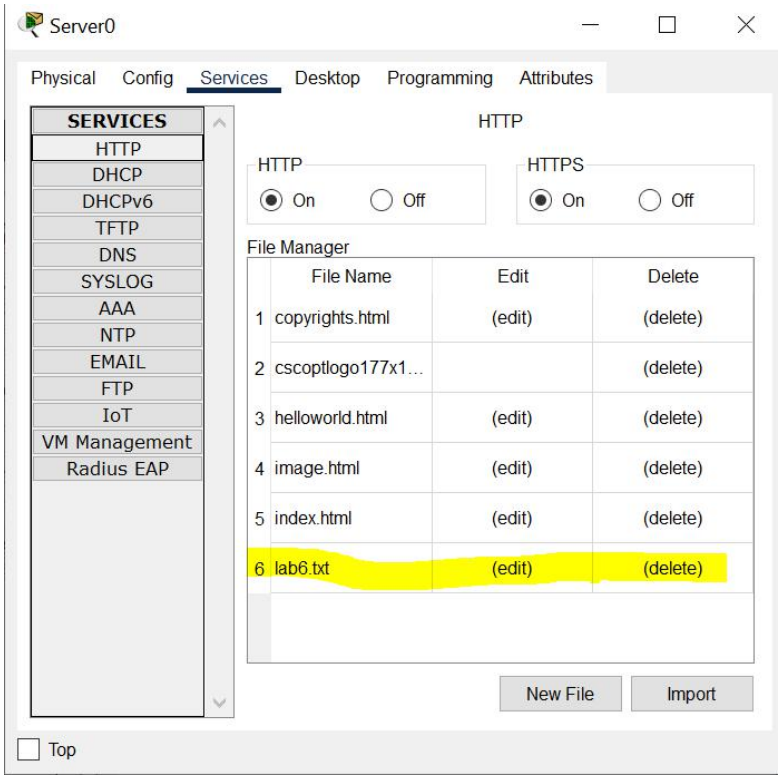

Now we will check that file is upload on ftp service or not.



Now we will use cd command to change the directory of file in http service folder.

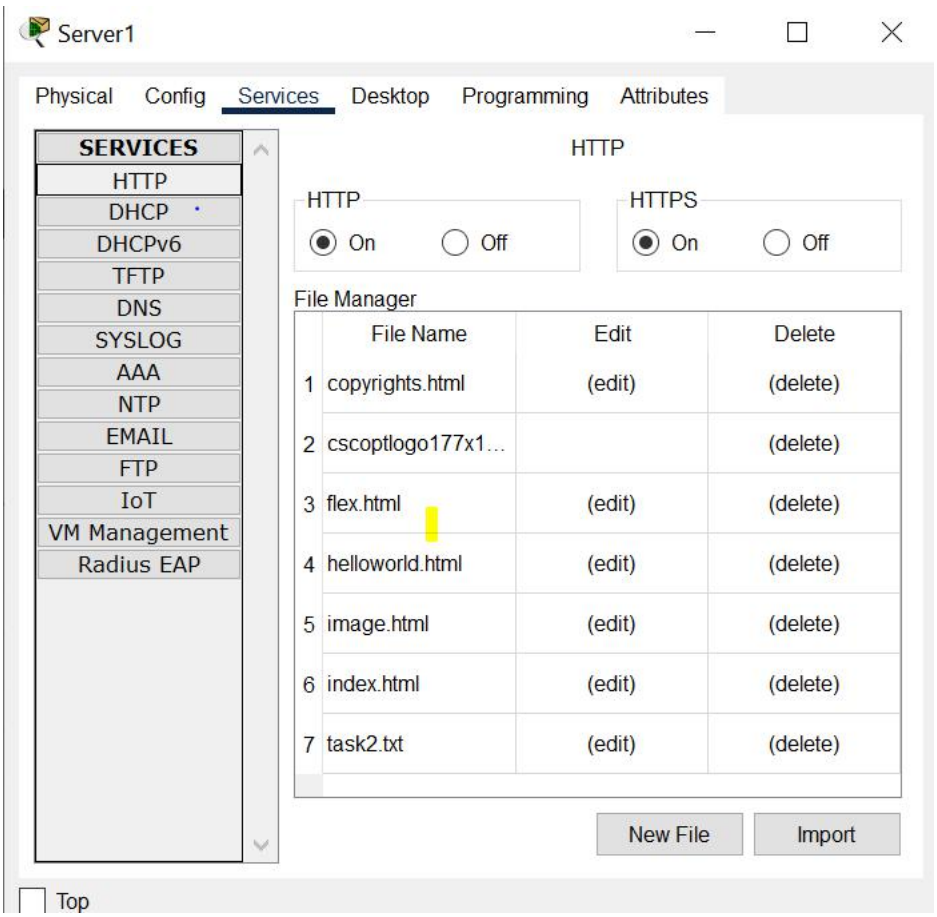



Now we will go in server and check that file is upload in HTTP or not.

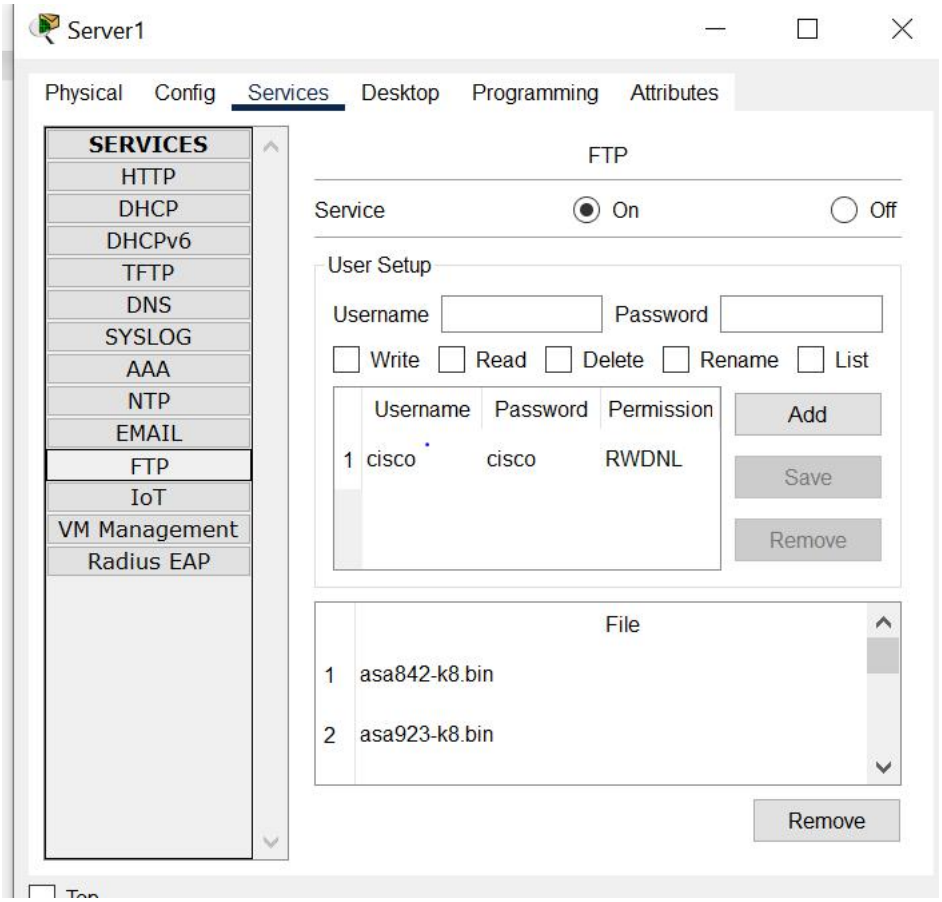


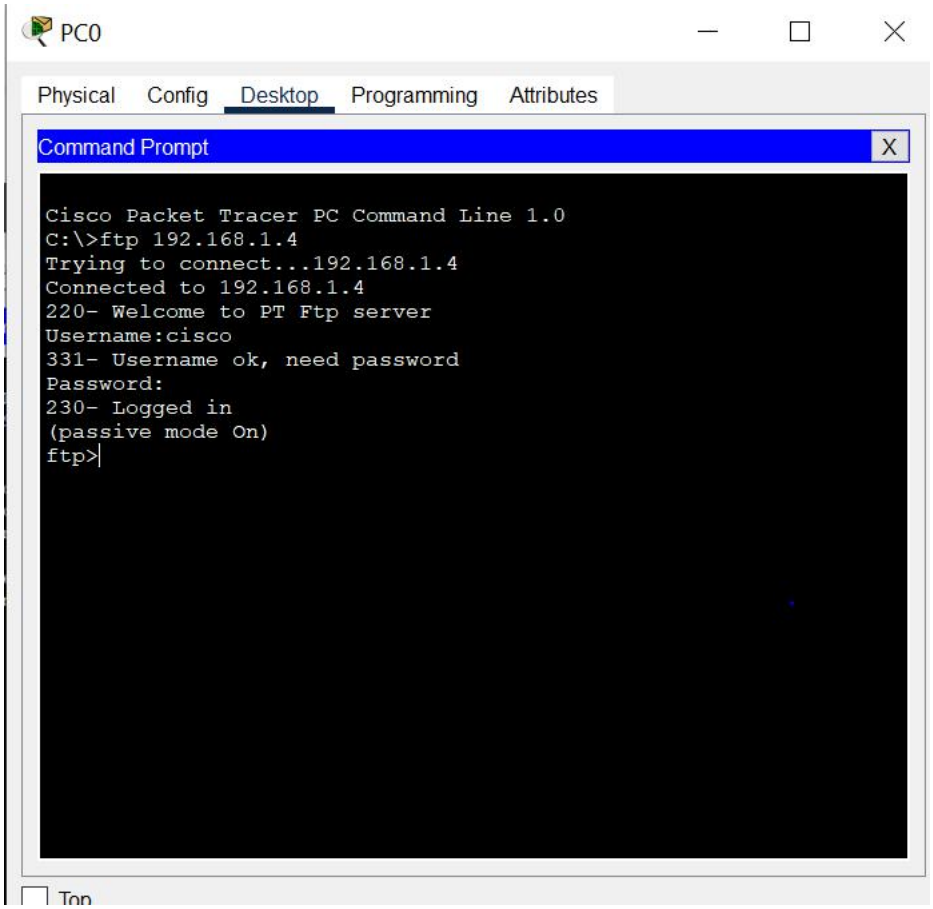
# TASK 2:

Now we will create and upload html file to HTTP server directory Using FTP

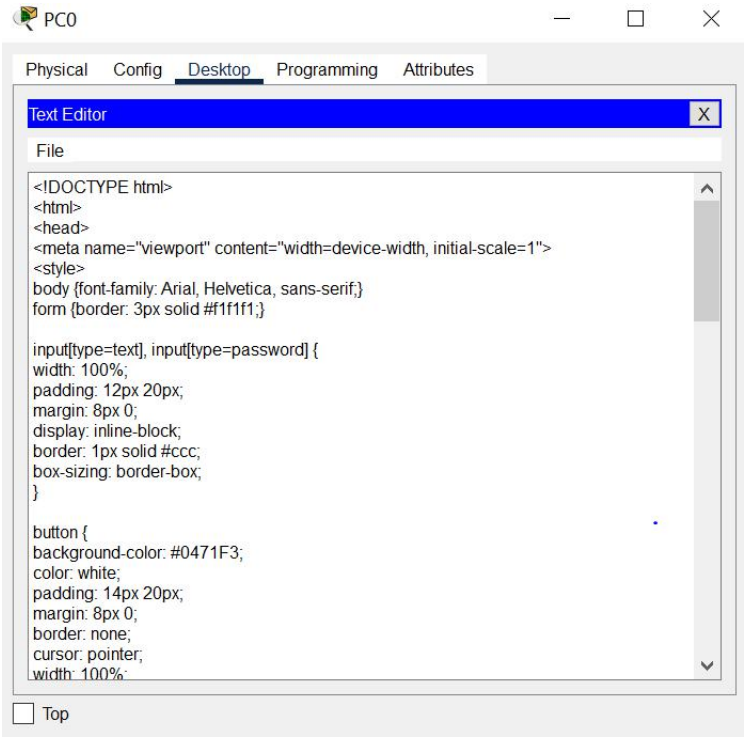



Now first we will enable http and ftp services in server.

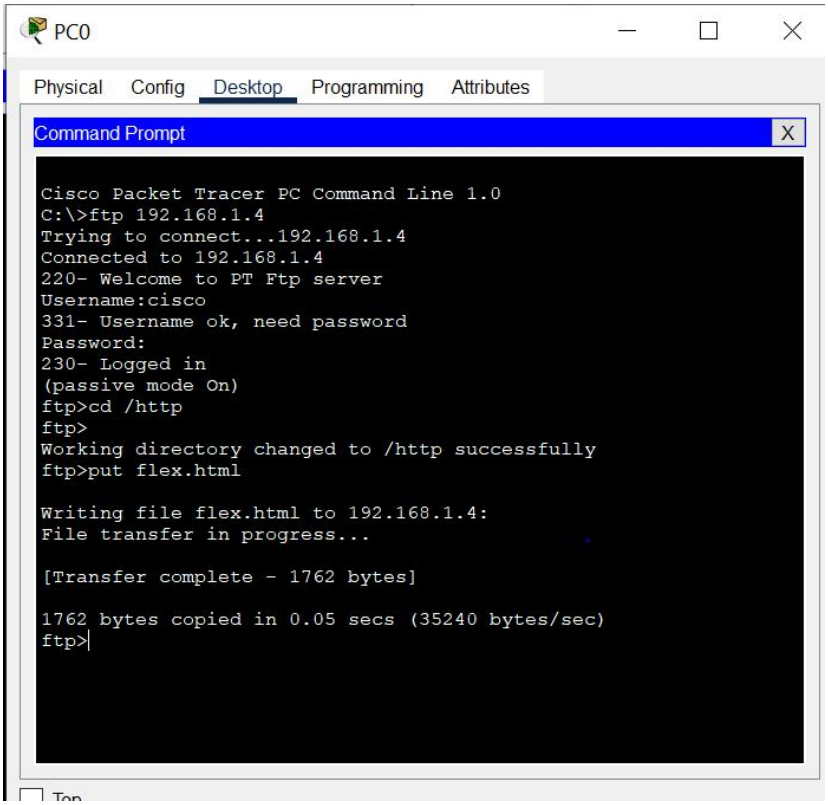

Server1
Physical
Config
Services
Desktop
Programming
Attributes
SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP
FTP
Service
On
Off
User Setup
Username
Password
Write
Read
Delete
Rename
List
Username
Password
Permission
1
cisco
cisco
RWDNL
Add
Save
Remove
File
1
asa842-k8.bin
2
asa923-k8.bin
Remove



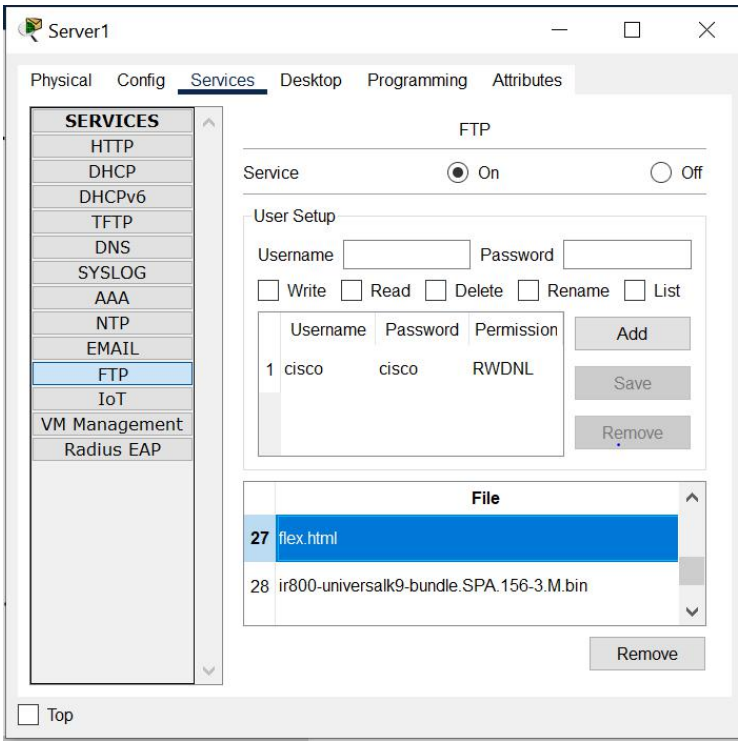

Now we will create html file and save some code in the file .

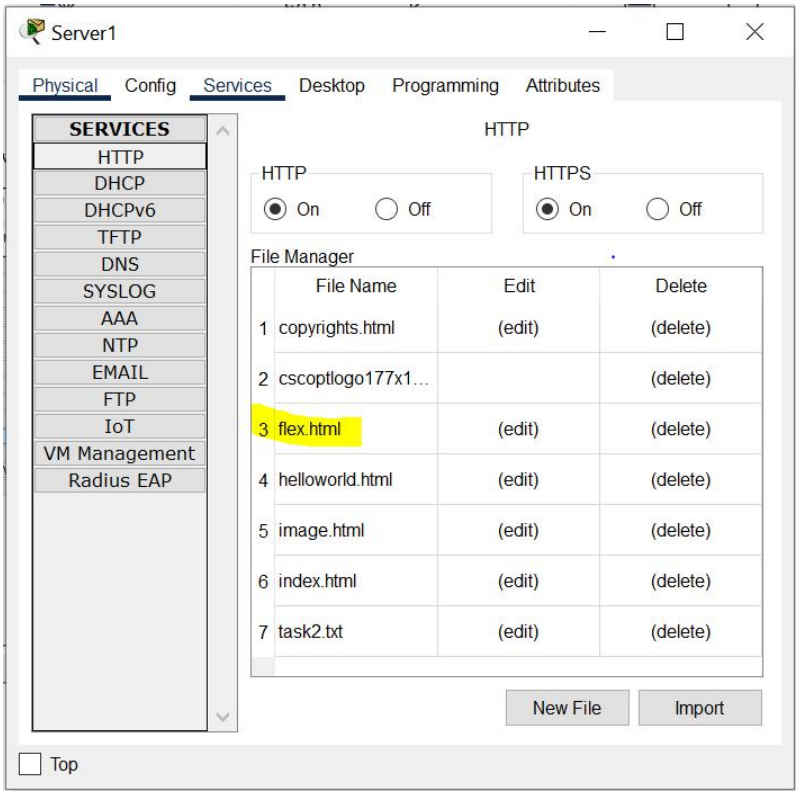


Then we upload the html file to the ftp server and then we will change the directory to http.

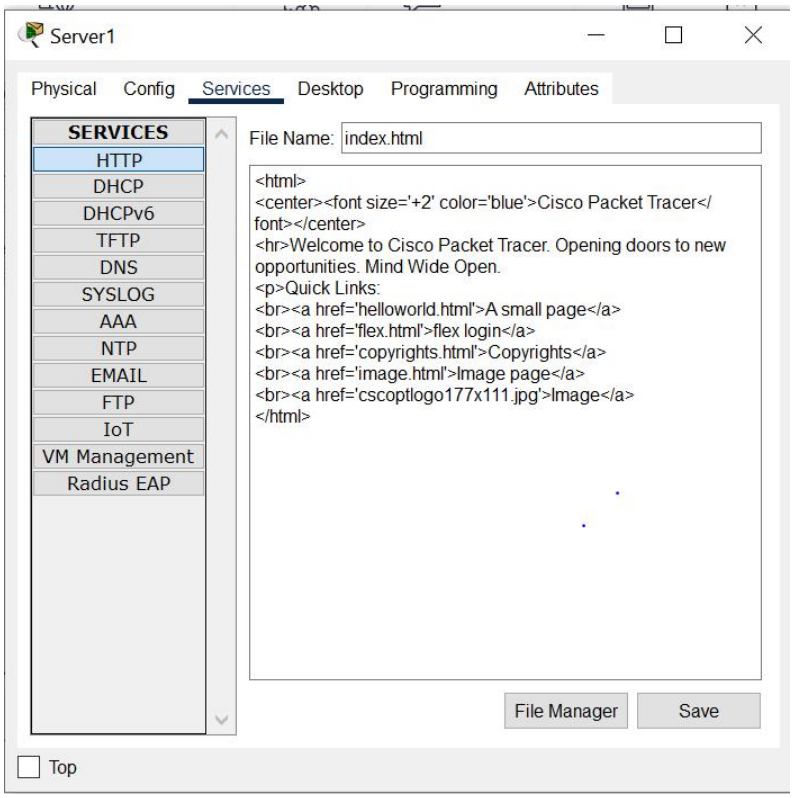



Now we will go and check that  both http and ftp file is uploaded or not on server.

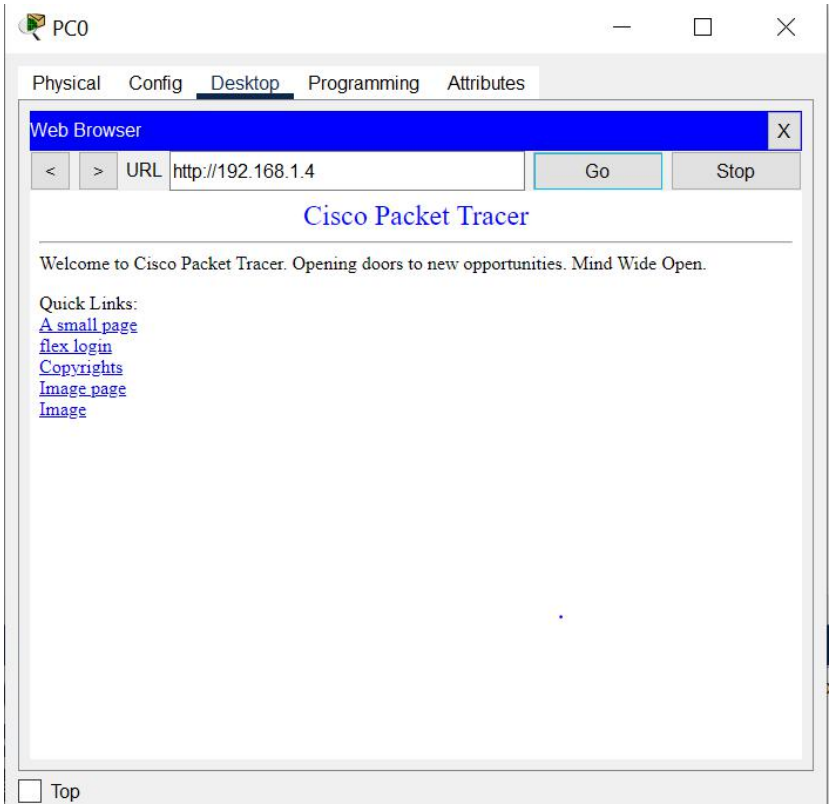


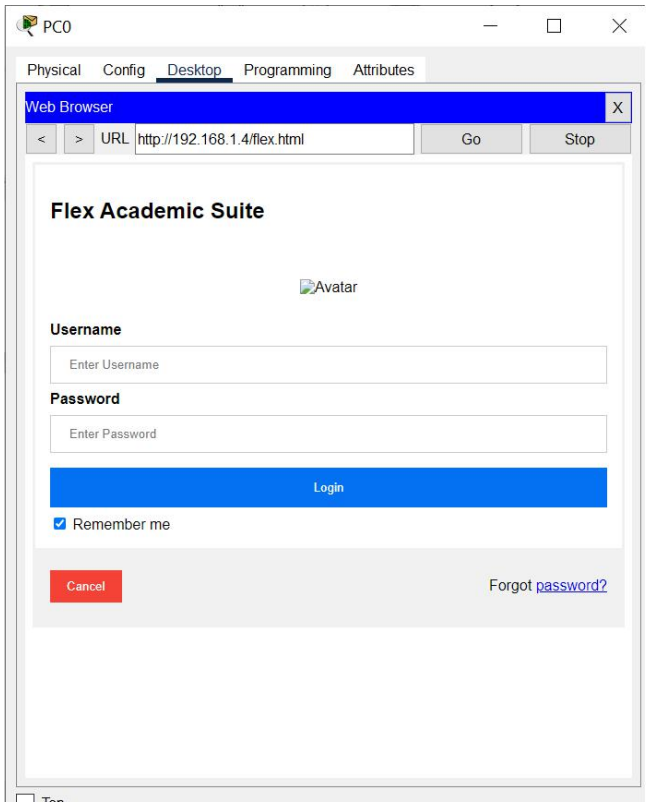



Now go to http server and change index.html file and add a tag with new uploaded file to attach it with http server so we can access it easily.



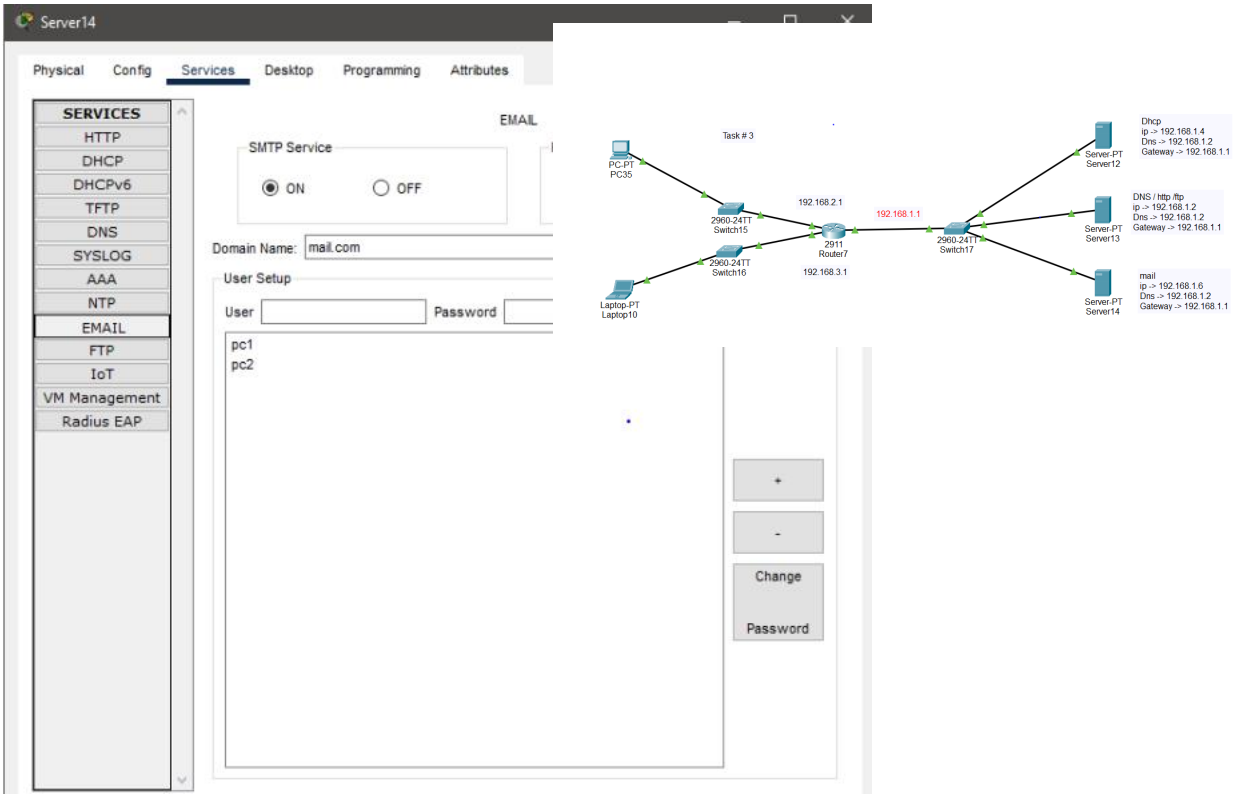
And now we will go in pc web browser and check that our file is connected or not.



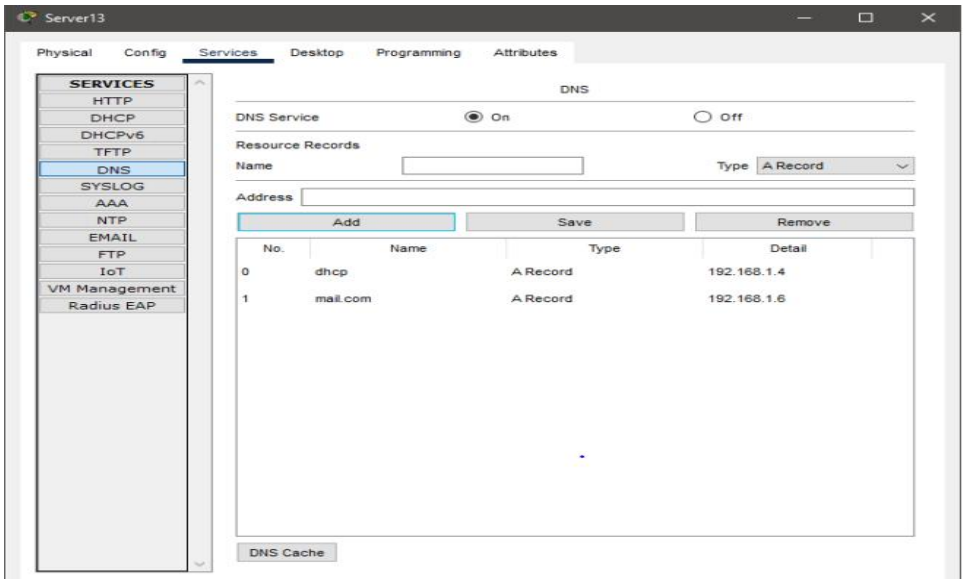



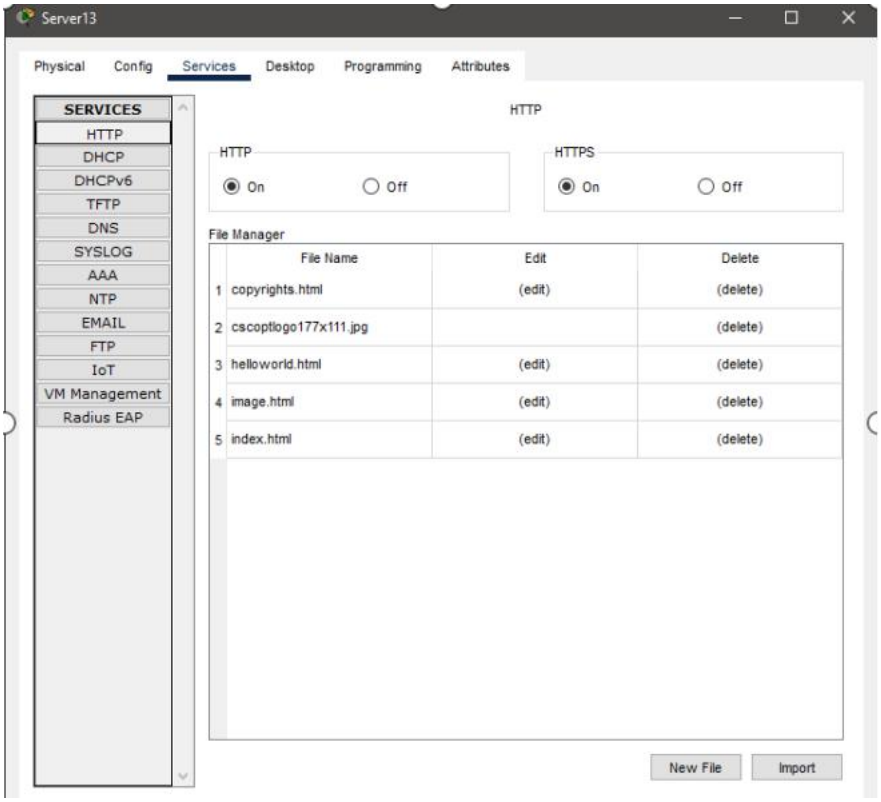
# TASK 3:

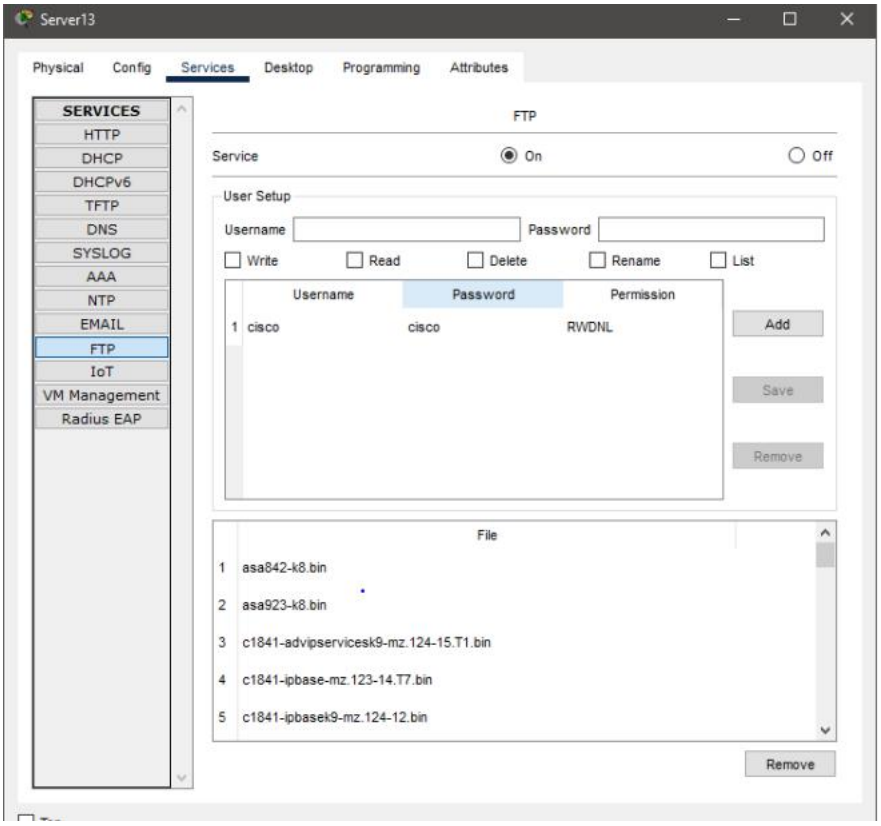
Enable mail services on a mail server with a domain name and users



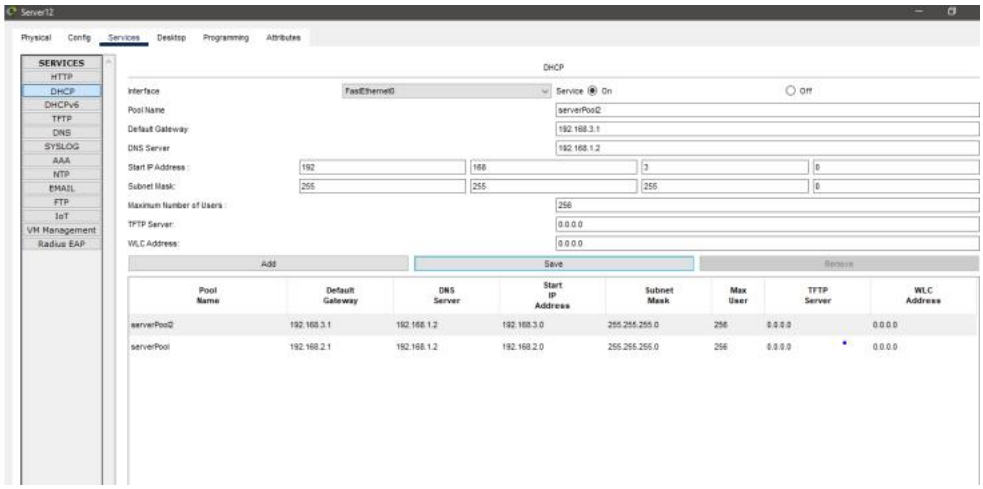

Enable DNS service on DNS server and I have enable both http and ftp services on DNS server as I'm not rich enough to buy a new server for these services



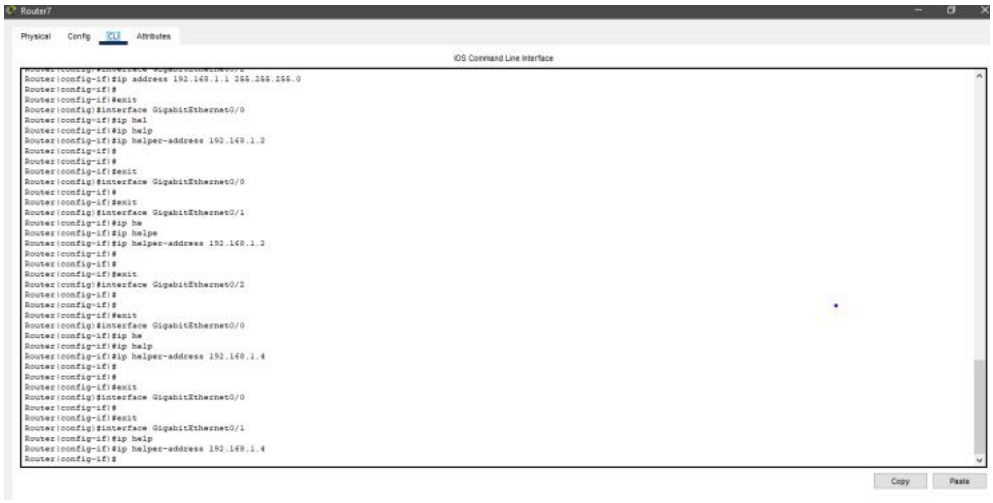

Server13
Physical
Config
Services
Desktop
Programming
Attributes
SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP
HTTP
HTTP
On
Off
HTTPS
On
Off
File Manager
File Name
Edit
Delete
1 copyrights.html (edit) (delete)
2 cscoptlogo177x111.jpg (delete)
3 helloworld.html (edit) (delete)
4 image.html (edit) (delete)
5 index.html (edit) (delete)
New File
Import


Server13
Physical
Config
Services
Desktop
Programming
Attributes
SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP
FTP
Service
On
Off
User Setup
Username
Password
Write
Read
Delete
Rename
List
Username
Password
Permission
1 cisco cisco RWDNL
Add
Save
Remove
File
1 asa842-k8.bin
2 asa923-k8.bin
3 c1841-advipservicesk9-mz.124-15.T1.bin
4 c1841-ipbase-mz.123-14.T7.bin
5 c1841-ipbasek9-mz.124-12.bin
Remove

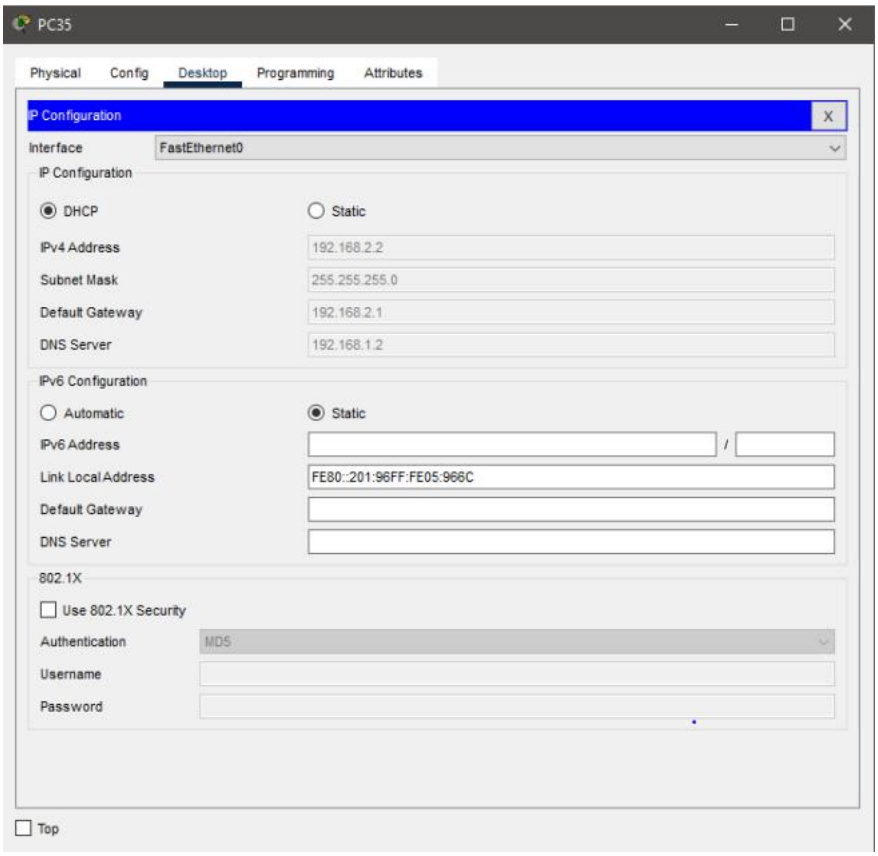
Enable dhcp service on dhcp server and make pool for assigning ips dynamically on networks
In my case networks are 2:  192.168.2. 192.168.3.1

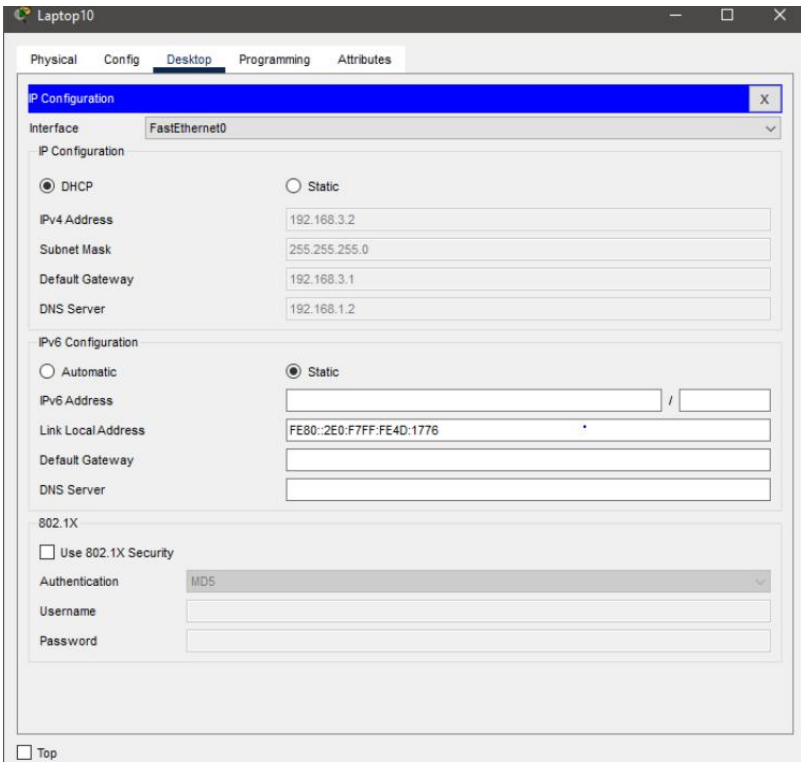



Now Adding helper id to access or send request out the network to dhcp servers to access ip

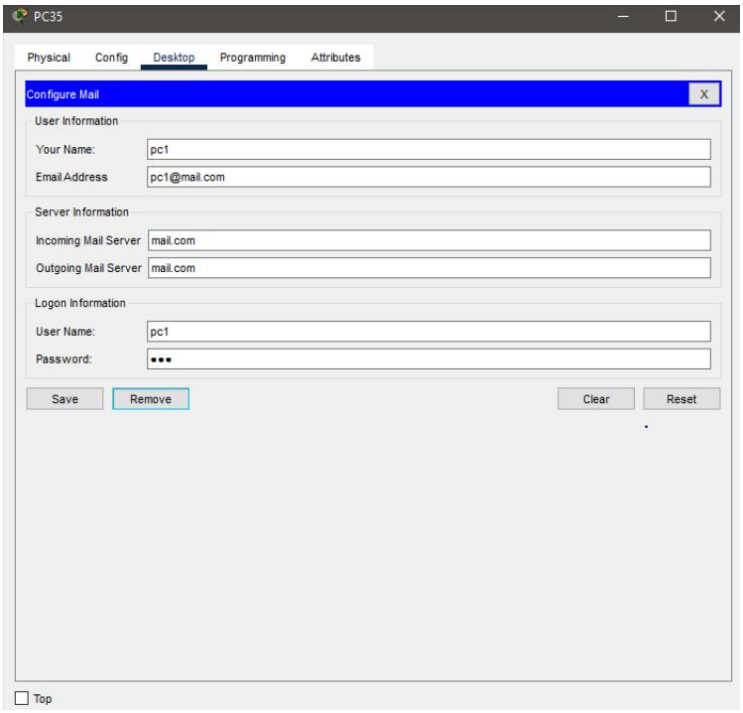


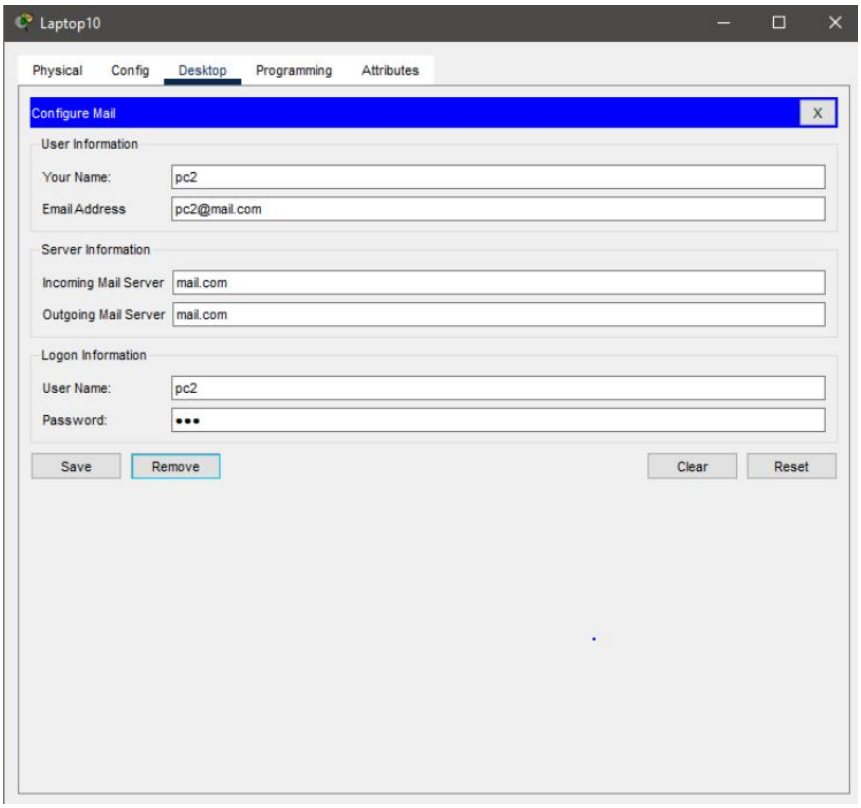

Checking pc's that they have got ip's or not



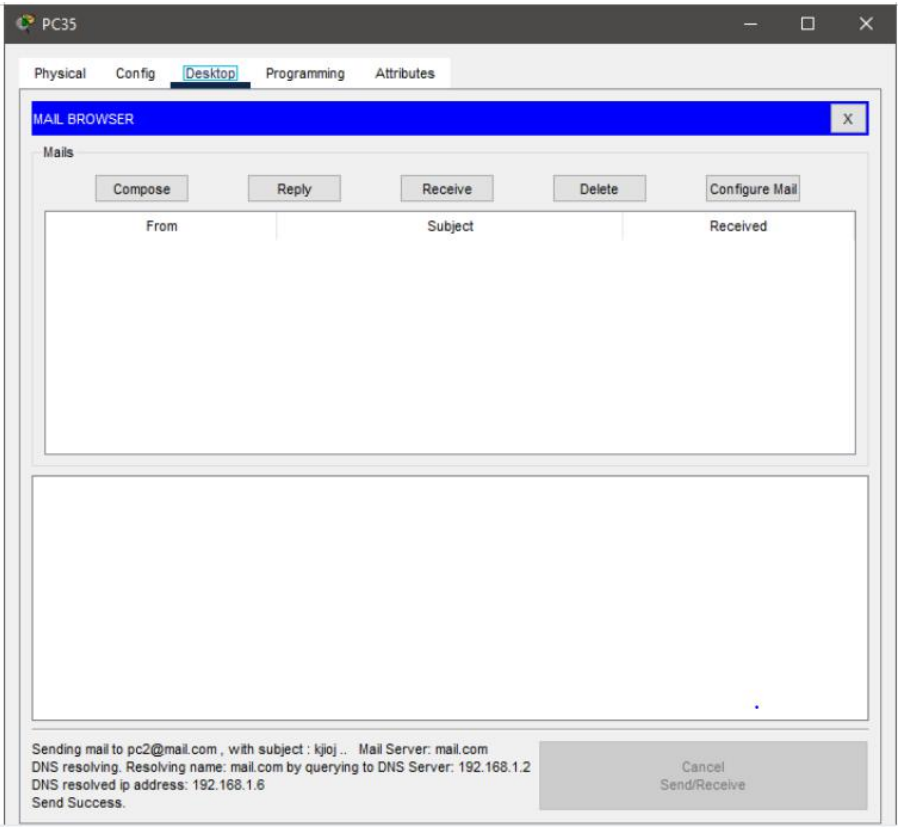




Now we have to type mail so go to mail in pc and configure both users

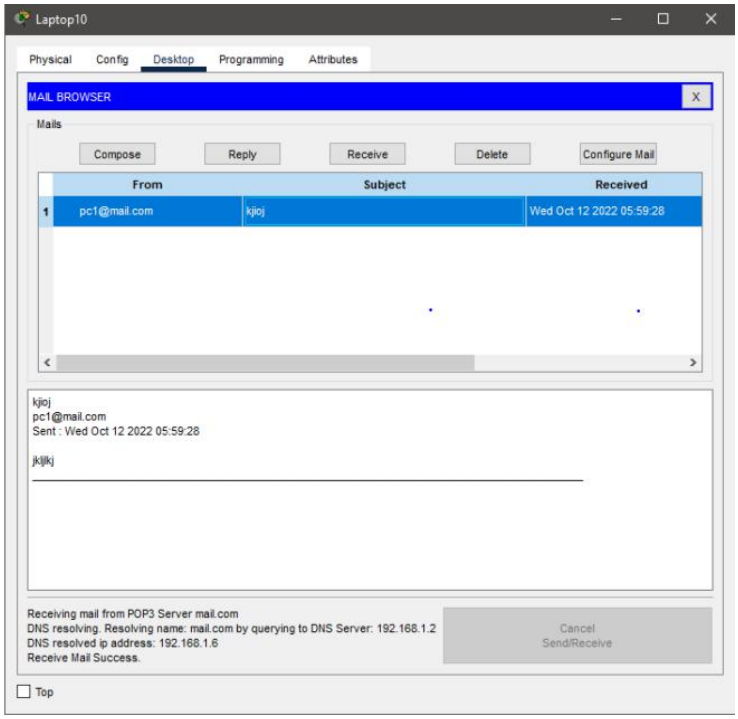

PC35
Physical
Config
Desktop
Programming
Attributes
Configure Mail
X
User Information
Your Name:
pc1
Email Address
pc1@mail.com
Server Information
Incoming Mail Server
mail.com
Outgoing Mail Server
mail.com
Logon Information
User Name:
pc1
Password:
Save
Remove
Clear
Reset
Top

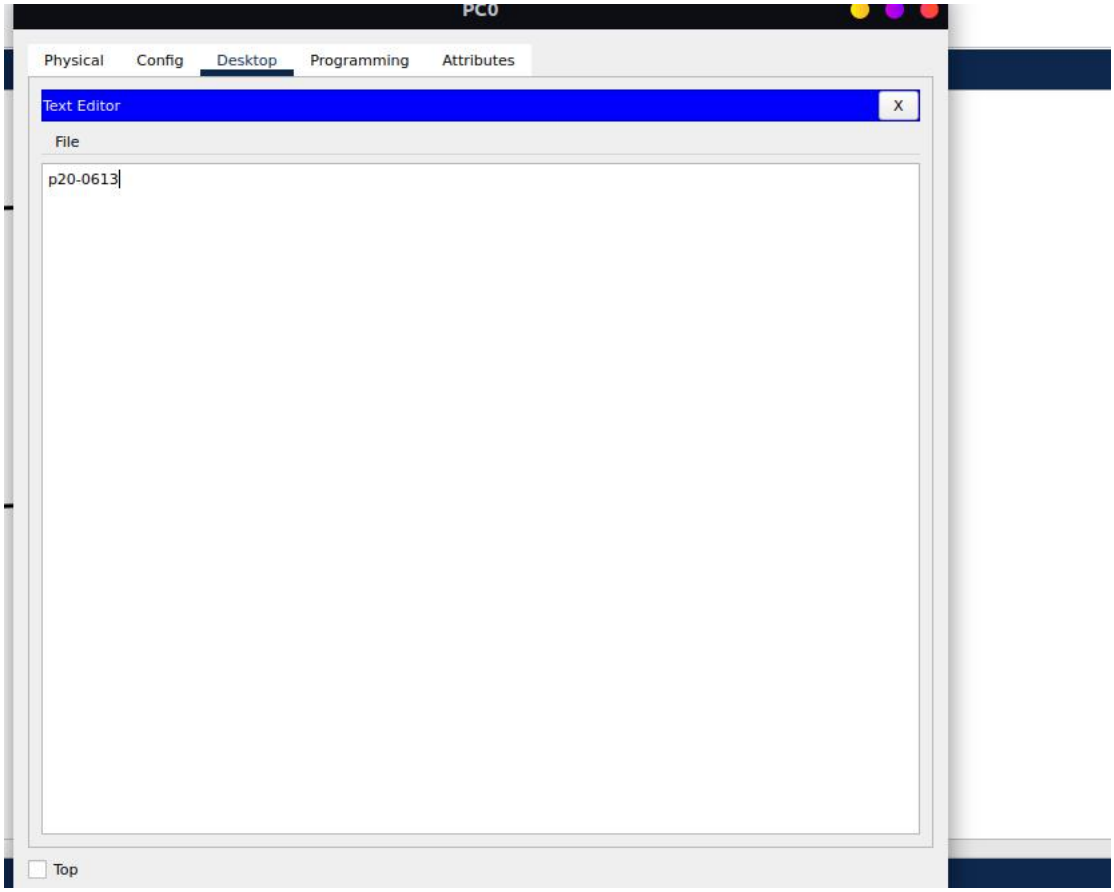

Laptop10
Physical
Config
Desktop
Programming
Attributes
Configure Mail
X
User Information
Your Name:
pc2
Email Address
pc2@mail.com
Server Information
Incoming Mail Server
mail.com
Outgoing Mail Server
mail.com
Logon Information
User Name:
pc2
Password:
Save
Remove
Clear
Reset

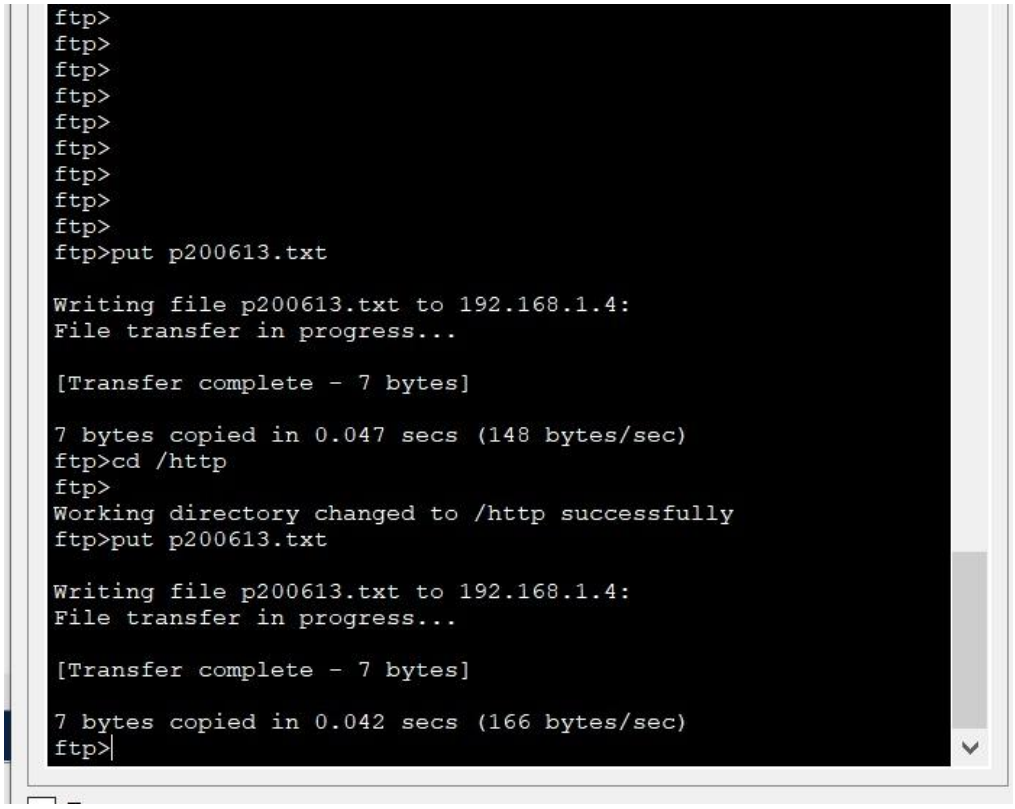
Sending mail from pc1 to pc2 by going to compose option

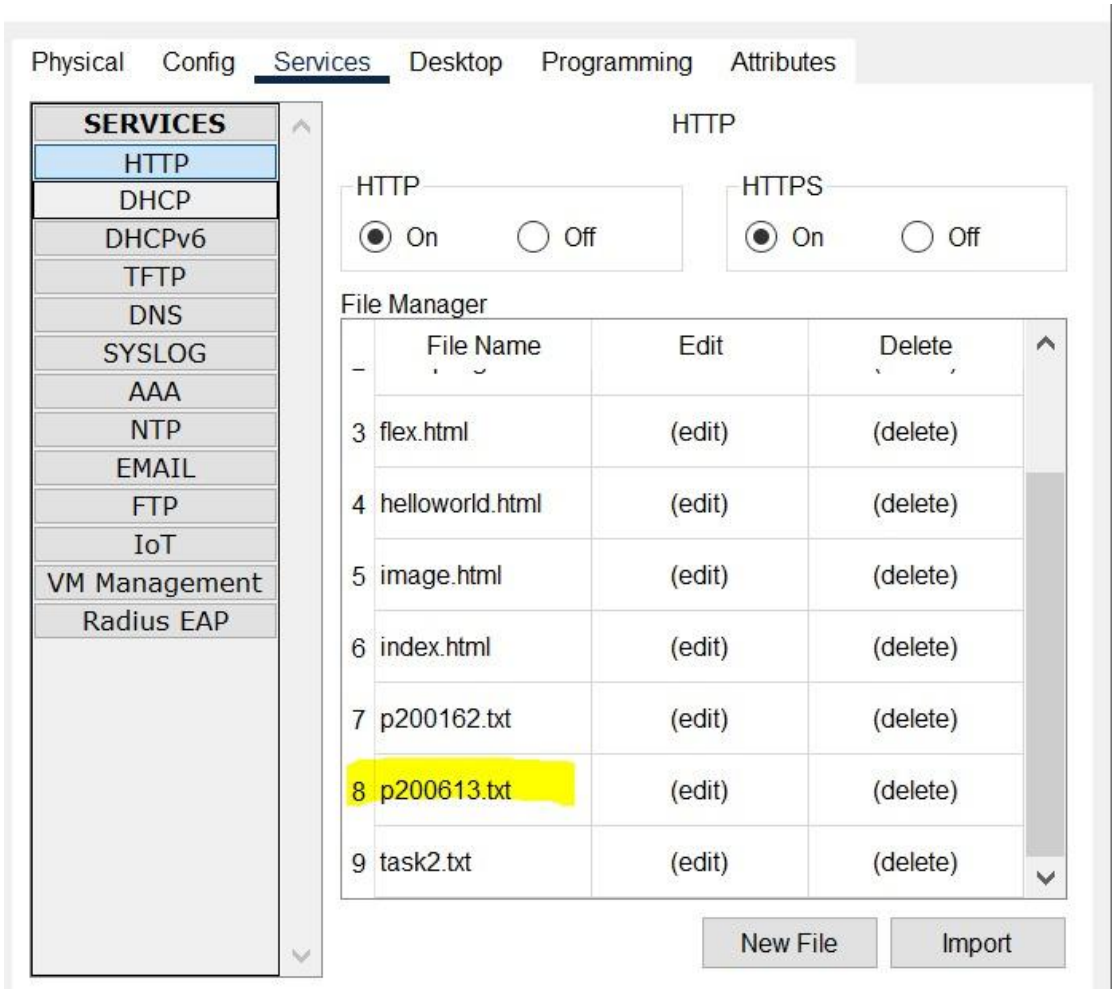


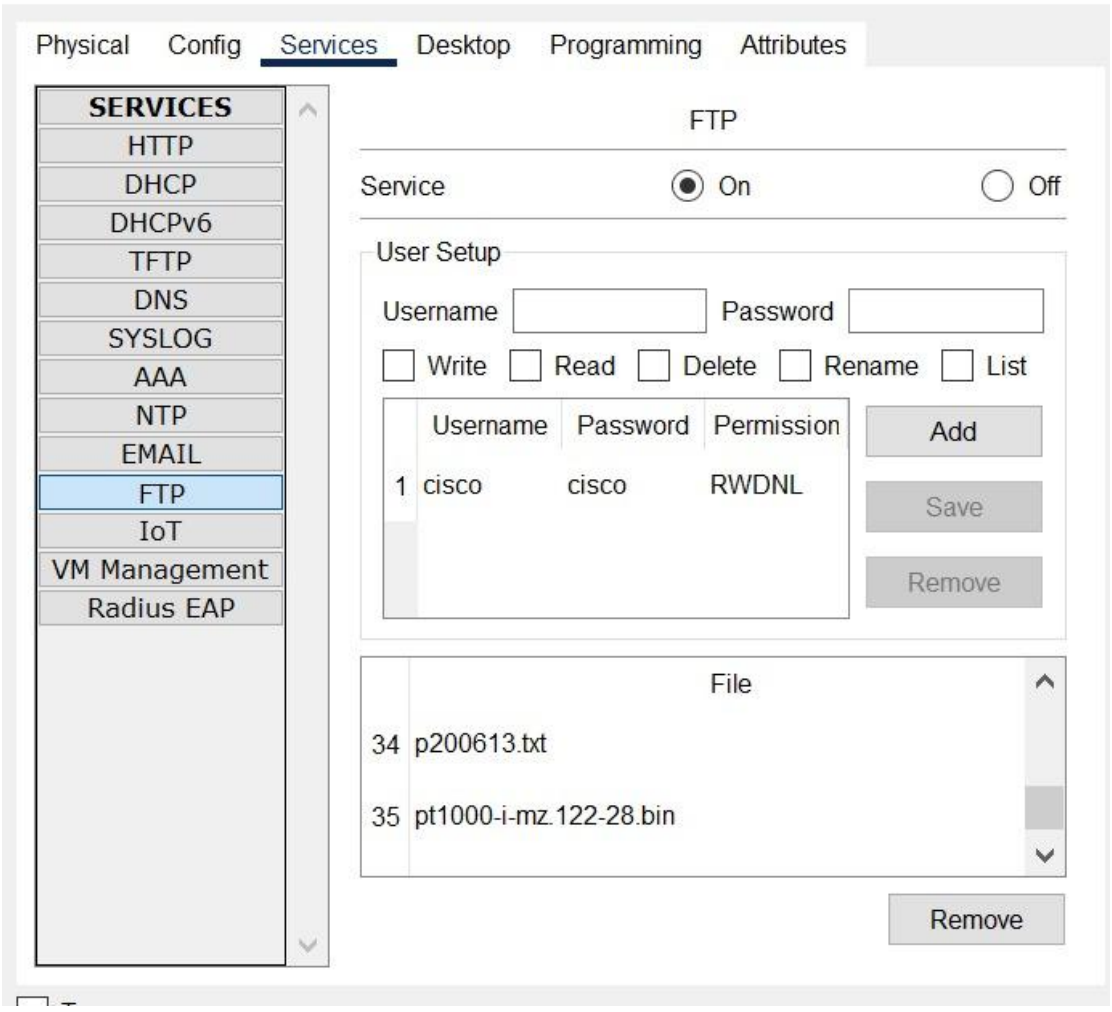

Check pc2 receive for inbox mails

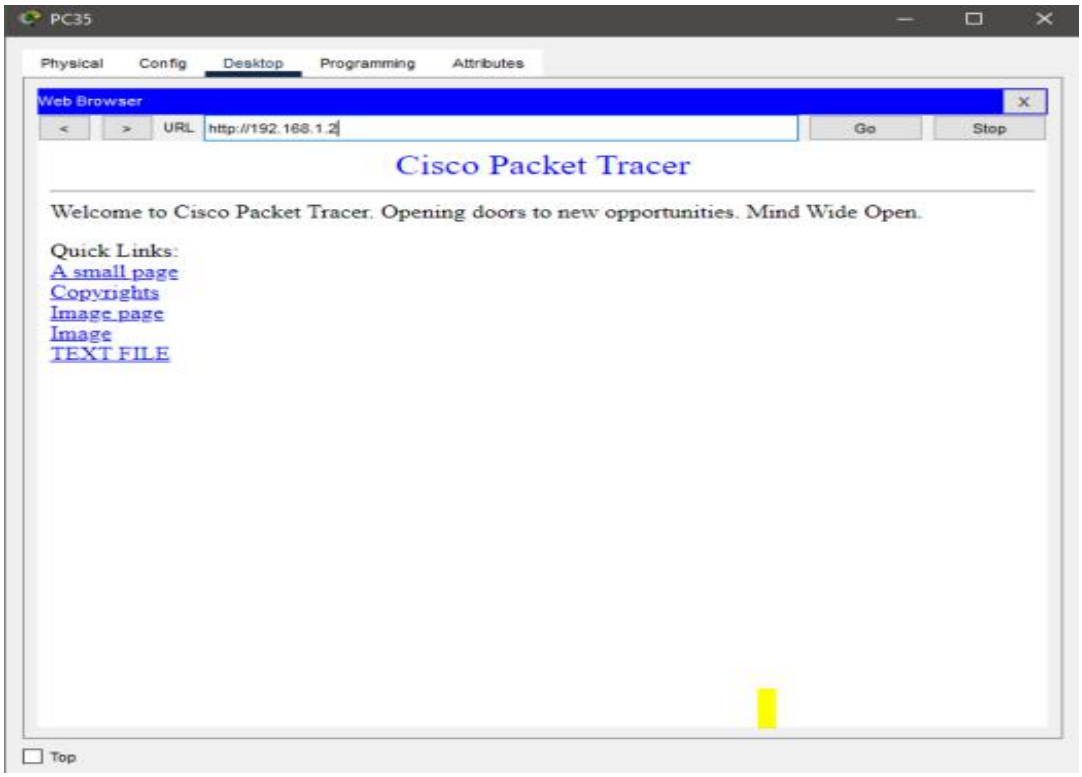


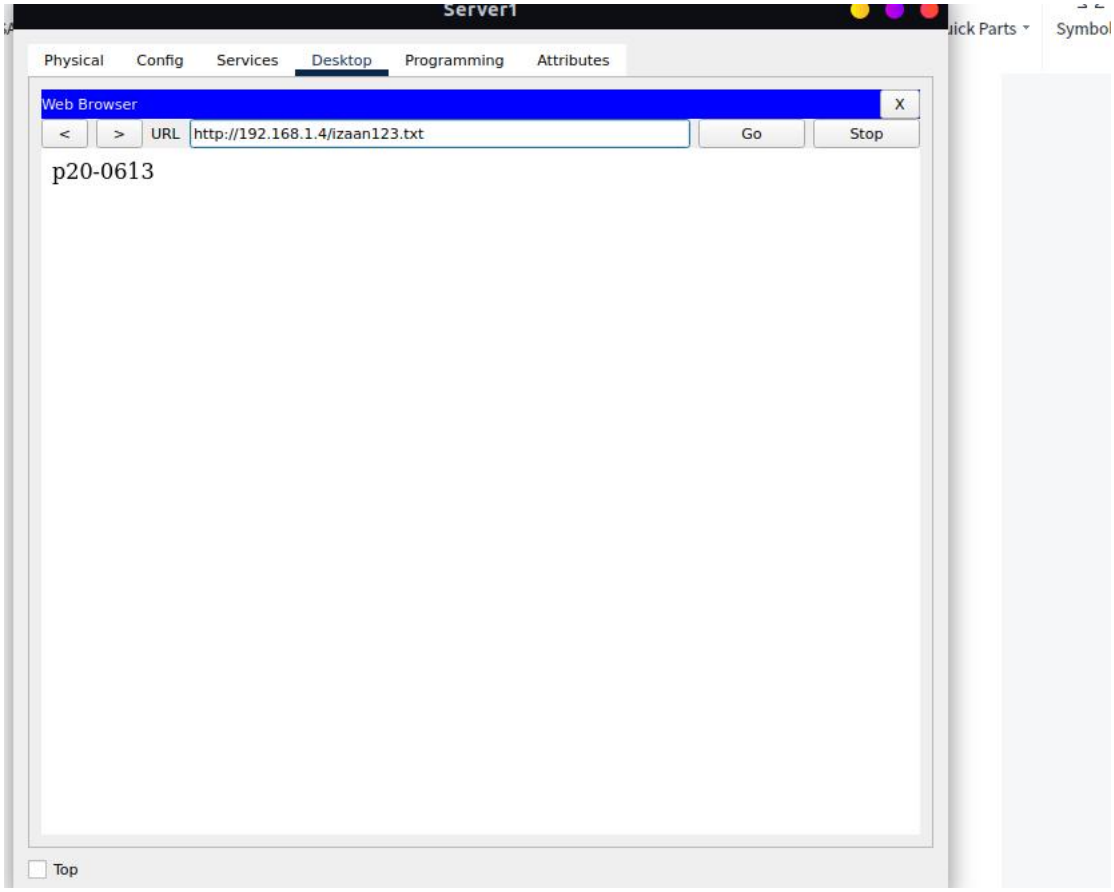

PC0
Physical
Config
Desktop
Programming
Attributes
Text Editor
X
File
p20-0613
Top


ftp>
ftp>
ftp>
ftp>
ftp>
ftp>
ftp>
ftp>
ftp>
ftp>put p200613.txt
Writing file p200613.txt to 192.168.1.4:
File transfer in progress...
[Transfer complete - 7 bytes]
7 bytes copied in 0.047 secs (148 bytes/sec)
ftp>cd /http
ftp>
Working directory changed to /http successfully
ftp>put p200613.txt
Writing file p200613.txt to 192.168.1.4:
File transfer in progress...
[Transfer complete - 7 bytes]
7 bytes copied in 0.042 secs (166 bytes/sec)
ftp>


Physical
Config
Services
Desktop
Programming
Attributes
SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP
HTTP
HTTP
On
Off
HTTPS
On
Off
File Manager
File Name
Edit
Delete
3 flex.html (edit) (delete)
4 helloworld.html (edit) (delete)
5 image.html (edit) (delete)
6 index.html (edit) (delete)
7 p200162.txt (edit) (delete)
8 p200613.txt (edit) (delete)
9 task2.txt (edit) (delete)
New File
Import


Physical
Config
Services
Desktop
Programming
Attributes
SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP
FTP
Service
On
Off
User Setup
Username
Password
Write
Read
Delete
Rename
List
Username
Password
Permission
1 cisco cisco RWDNL
Add
Save
Remove
File
34 p200613.txt
35 pt1000-i-mz.122-28.bin
Remove


PC35
Physical
Config
Desktop
Programming
Attributes
Web Browser
URL
http://192.168.1.2
Go
Stop
Cisco Packet Tracer
Welcome to Cisco Packet Tracer. Opening doors to new opportunities. Mind Wide Open.
Quick Links:
A small page
Copyrights
Image page
Image
TEXT FILE
Top


Server1
Physical
Config
Services
Desktop
Programming
Attributes
Web Browser
X
<
>
URL
http://192.168.1.4/izaan123.txt
Go
Stop
p20-0613
Top