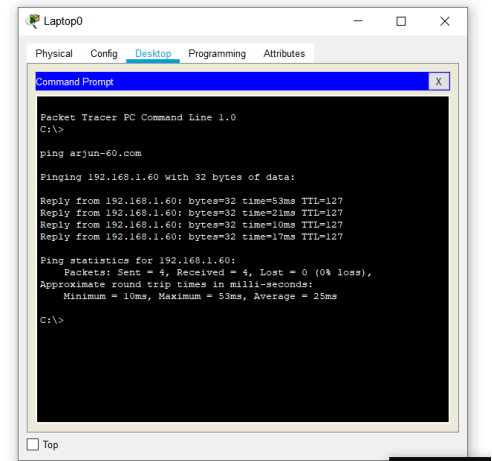
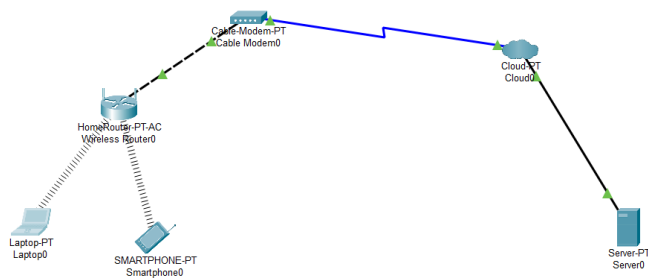


# Computer Network LAB Session-7

## Implement DNS and FTP Server1

Create network topology in CISCO packet tracer as shown below.

A) Set the URL for the server as yourname-last\_two\_digits\_of\_enrl\_no.com



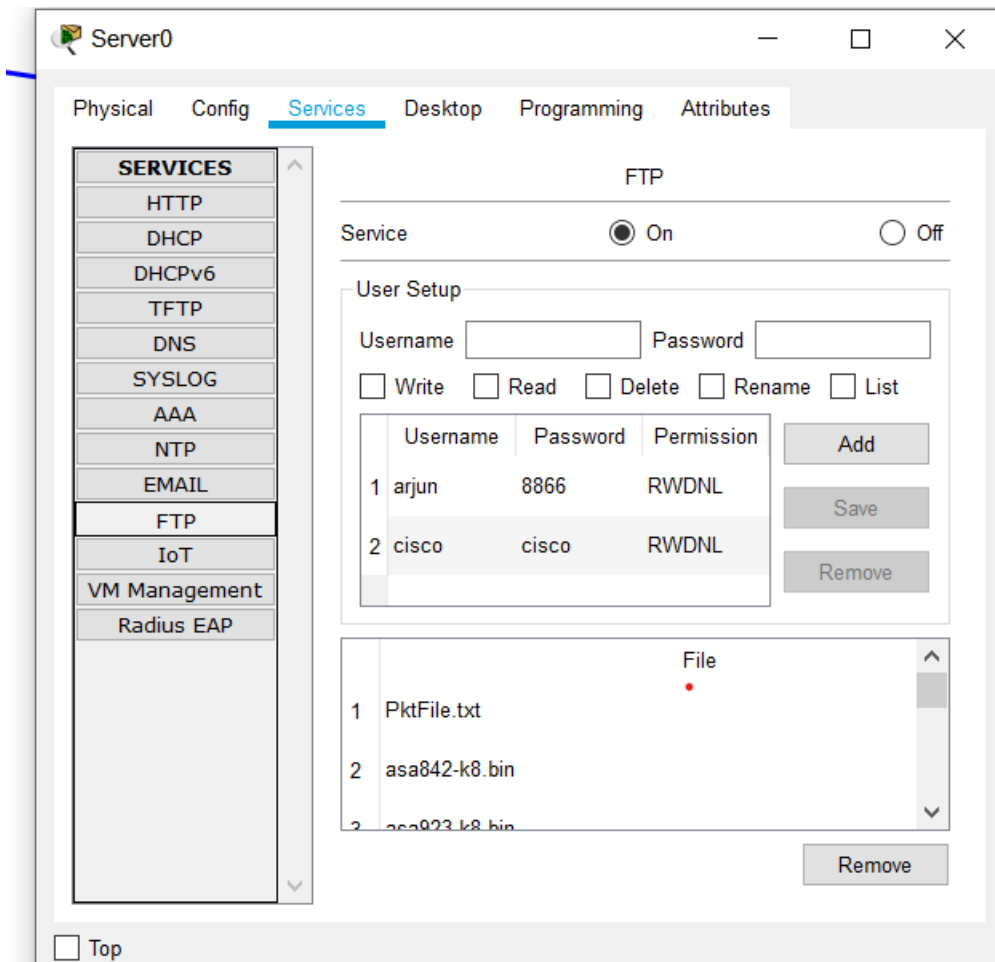
```
Packet Tracer PC Command Line 1.0
C:\>
ping arjun-60.com

Pinging 192.168.1.60 with 32 bytes of data:
Reply from 192.168.1.60: bytes=32 time=53ms TTL=127
Reply from 192.168.1.60: bytes=32 time=21ms TTL=127
Reply from 192.168.1.60: bytes=32 time=10ms TTL=127
Reply from 192.168.1.60: bytes=32 time=17ms TTL=127

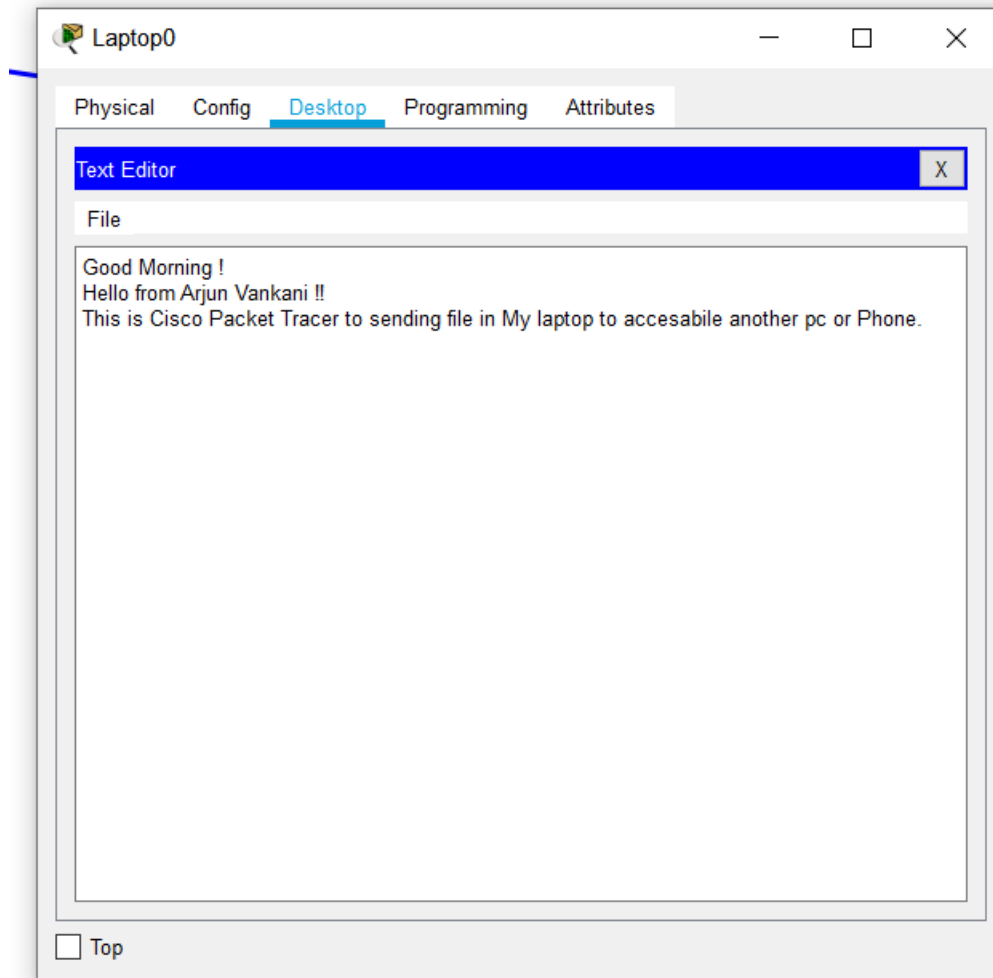
Ping statistics for 192.168.1.60:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 10ms, Maximum = 53ms, Average = 25ms

C:\>
```

B) Configure the server as FTP server.



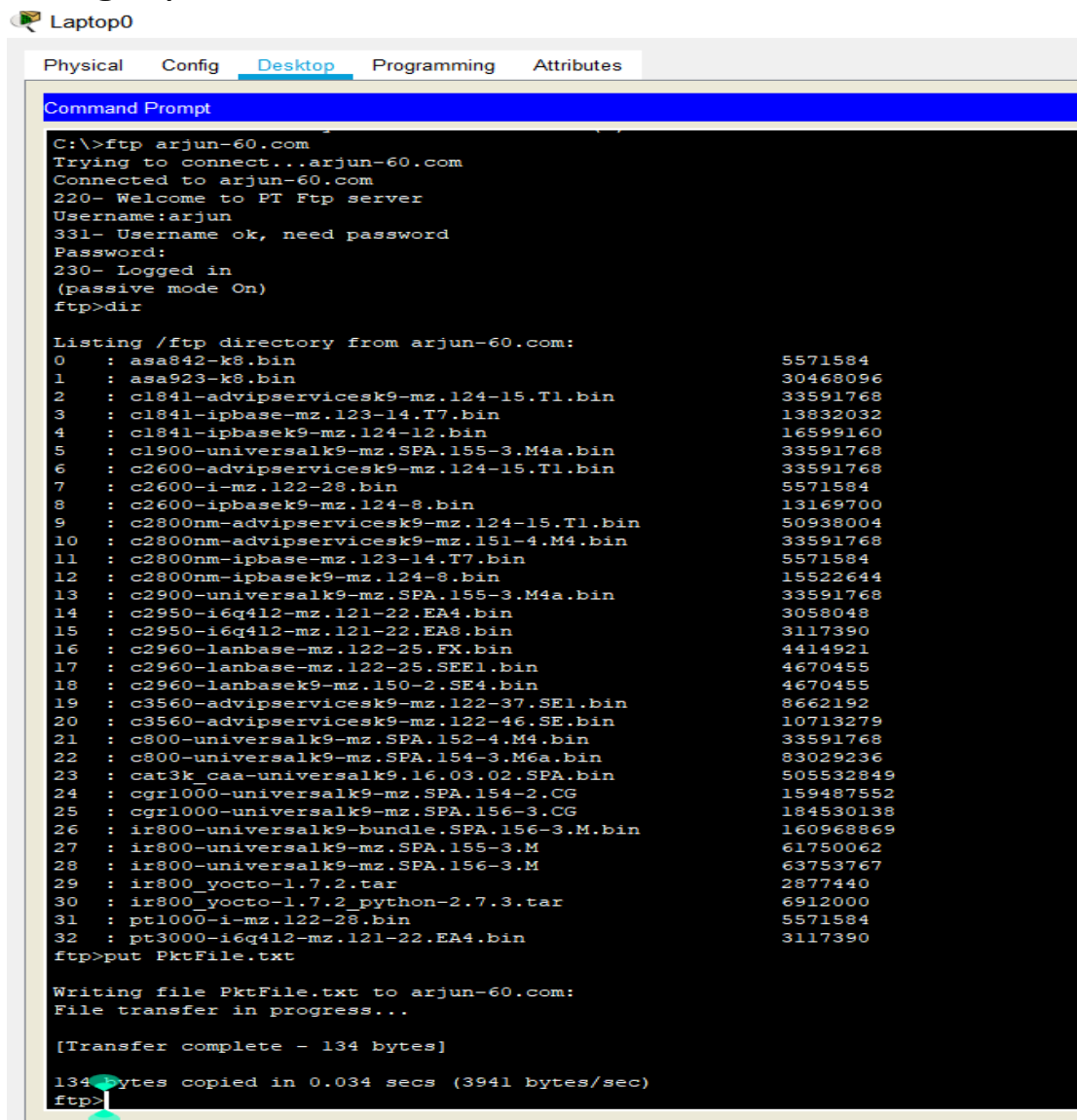
C) Create a text file in the laptop. Write your name and enrollment number in the file. Save the file as yourname.txt



D)Login to the FTP server from the laptop using command prompt and upload the text file using ftp commands.

Use “Ftp Url ” for login to FTP server and “put file name ” to upload the file on the FTP server. (Do not login by directly giving IP address of server in the ftp

command even though it is possible). Capture the request and response when you connect to the server using ftp commands.



```
C:\>ftp arjun-60.com
Trying to connect...arjun-60.com
Connected to arjun-60.com
220- Welcome to FT Ftp server
Username:arjun
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>dir
Listing /ftp directory from arjun-60.com:
0 : asa842-k8.bin 5571584
1 : asa923-k8.bin 30468096
2 : cl841-advipservicesk9-mz.124-15.Tl.bin 33591768
3 : cl841-ipbase-mz.123-14.T7.bin 13832032
4 : cl841-ipbasek9-mz.124-12.bin 16599160
5 : cl900-universalk9-mz.SPA.155-3.M4a.bin 33591768
6 : c2600-advipservicesk9-mz.124-15.Tl.bin 33591768
7 : c2600-i-mz.122-28.bin 5571584
8 : c2600-ipbasek9-mz.124-8.bin 13169700
9 : c2800nm-advipservicesk9-mz.124-15.Tl.bin 50938004
10 : c2800nm-advipservicesk9-mz.151-4.M4.bin 33591768
11 : c2800nm-ipbase-mz.123-14.T7.bin 5571584
12 : c2800nm-ipbasek9-mz.124-8.bin 15522644
13 : c2900-universalk9-mz.SPA.155-3.M4a.bin 33591768
14 : c2950-i6q4l2-mz.121-22.EA4.bin 3058048
15 : c2950-i6q4l2-mz.121-22.EA8.bin 3117390
16 : c2960-lanbase-mz.122-25.FX.bin 4414921
17 : c2960-lanbase-mz.122-25.SEE1.bin 4670455
18 : c2960-lanbasek9-mz.150-2.SE4.bin 4670455
19 : c3560-advipservicesk9-mz.122-37.SE1.bin 8662192
20 : c3560-advipservicesk9-mz.122-46.SE.bin 10713279
21 : c800-universalk9-mz.SPA.152-4.M4.bin 33591768
22 : c800-universalk9-mz.SPA.154-3.M6a.bin 83029236
23 : cat3k_caa-universalk9.16.03.02.SPA.bin 505532849
24 : cgr1000-universalk9-mz.SPA.154-2.CG 159487552
25 : cgr1000-universalk9-mz.SPA.156-3.CG 184530138
26 : ir800-universalk9-bundle.SPA.156-3.M.bin 160968869
27 : ir800-universalk9-mz.SPA.155-3.M 61750062
28 : ir800-universalk9-mz.SPA.156-3.M 63753767
29 : ir800_yocto-1.7.2.tar 2877440
30 : ir800_yocto-1.7.2_python-2.7.3.tar 6912000
31 : pt1000-i-mz.122-28.bin 5571584
32 : pt3000-i6q4l2-mz.121-22.EA4.bin 3117390
ftp>put PktFile.txt
Writing file PktFile.txt to arjun-60.com:
File transfer in progress...

[Transfer complete - 134 bytes]

134 bytes copied in 0.034 secs (3941 bytes/sec)
ftp>
```

E) Login to FTP server from smartphone using command prompt and download the text file from the server(use “get filename” to download the file from

the FTP server). Capture the necessary screenshots while executing the task.

Smartphone0

```
Physical  Config  Desktop  Programming  Attributes
Command Prompt
Trying to connect...arjun-60.com
Connected to arjun-60.com
220- Welcome to FT Ftp server
Username:arjun
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>dir

Listing /ftp directory from arjun-60.com:
0   : PktFile.txt                               134
1   : asa842-k8.bin                             5571584
2   : asa923-k8.bin                             30468096
3   : c1841-advipservicesk9-mz.124-15.T1.bin    33591768
4   : c1841-ipbase-mz.123-14.T7.bin             13832032
5   : c1841-ipbasek9-mz.124-12.bin              16599160
6   : c1900-universalk9-mz.SPA.155-3.M4a.bin    33591768
7   : c2600-advipservicesk9-mz.124-15.T1.bin    33591768
8   : c2600-i-mz.122-28.bin                     5571584
9   : c2600-ipbasek9-mz.124-8.bin               13169700
10  : c2800nm-advipservicesk9-mz.124-15.T1.bin  50938004
11  : c2800nm-advipservicesk9-mz.151-4.M4a.bin  33591768
12  : c2800nm-ipbase-mz.123-14.T7.bin           5571584
13  : c2800nm-ipbasek9-mz.124-8.bin             15522644
14  : c2900-universalk9-mz.SPA.155-3.M4a.bin    33591768
15  : c2950-i6q412-mz.121-22.EA4.bin           3058048
16  : c2950-i6q412-mz.121-22.EA8.bin           3117390
17  : c2960-lanbase-mz.122-25.FX.bin            4414921
18  : c2960-lanbase-mz.122-25.SEE1.bin          4670455
19  : c2960-lanbasek9-mz.150-2.SE4.bin          4670455
20  : c3560-advipservicesk9-mz.122-37.SE1.bin   8662192
21  : c3560-advipservicesk9-mz.122-46.SE.bin    10713279
22  : c800-universalk9-mz.SPA.152-4.M4a.bin     33591768
23  : c800-universalk9-mz.SPA.154-3.M6a.bin     83029236
24  : cat3k_caa-universalk9.16.03.02.SPA.bin    505532849
25  : cgr1000-universalk9-mz.SPA.154-2.CG       159487552
26  : cgr1000-universalk9-mz.SPA.156-3.CG       184530138
27  : ir800-universalk9-bundle.SPA.156-3.M.bin  160968869
28  : ir800-universalk9-mz.SPA.155-3.M          61750062
29  : ir800-universalk9-mz.SPA.156-3.M          63753767
30  : ir800_yocto-1.7.2.tar                     2877440
31  : ir800_yocto-1.7.2_python-2.7.3.tar       6912000
32  : pt1000-i-mz.122-28.bin                    5571584
33  : pt3000-i6q412-mz.121-22.EA4.bin           3117390
ftp>get PktFile.txt

Reading file PktFile.txt from arjun-60.com:
File transfer in progress...

[Transfer complete - 134 bytes]

134 bytes copied in 0.035 secs (3828 bytes/sec)
ftp>quit
```

Smartphone0

```
Physical  Config  Desktop  Programming  Attributes
Text Editor
File
Good Morning !
Hello from Arjun Vankani !!
This is Cisco Packet Tracer to sending file in My laptop to accesable another pc or Phone.
```