Topology:

FTP server

IP: 192.168.0.1

Server-PT
Server0

Switch-PT
Switch0

PC-PT
PC0

IP: 192.168.0.2

PC-PT
PC1

IP: 192.168.0.3

PC0 Configuration:

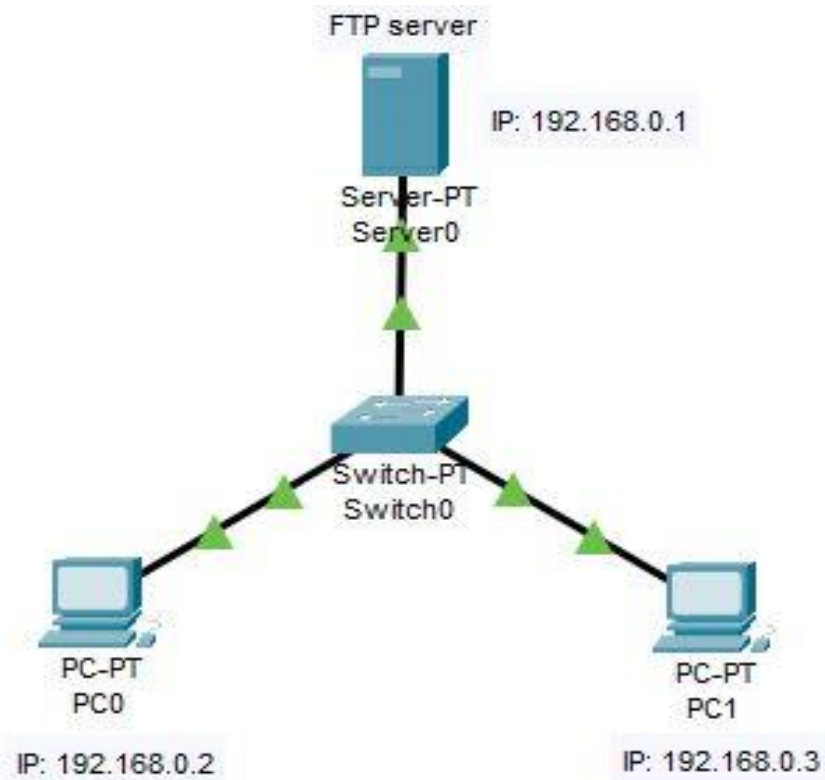PC0   —   □

Physical   Config   Desktop   Programming   Attributes

IP Configuration   X

Interface   FastEthernet0   ⌄

IP Configuration

○ DHCP   ⦿ Static

IP Address   192.168.0.2

Subnet Mask   255.255.255.0

Default Gateway   192.168.0.1

DNS Server   0.0.0.0

PC1 Configuration:

PC1 — □ ☐

| Physical | Config | Desktop | Programming | Attributes |

IP Configuration   X

Interface   FastEthernet0   ∨

IP Configuration

○ DHCP   ● Static

IP Address	192.168.0.3
Subnet Mask	255.255.255.0
Default Gateway	192.168.0.1
DNS Server	0.0.0.0

Server0 Configuration:

Server0 — □ ☐ ✕

| Physical | Config | Services | Desktop | Programming | Attributes |

IP Configuration   X

IP Configuration

○ DHCP   ● Static

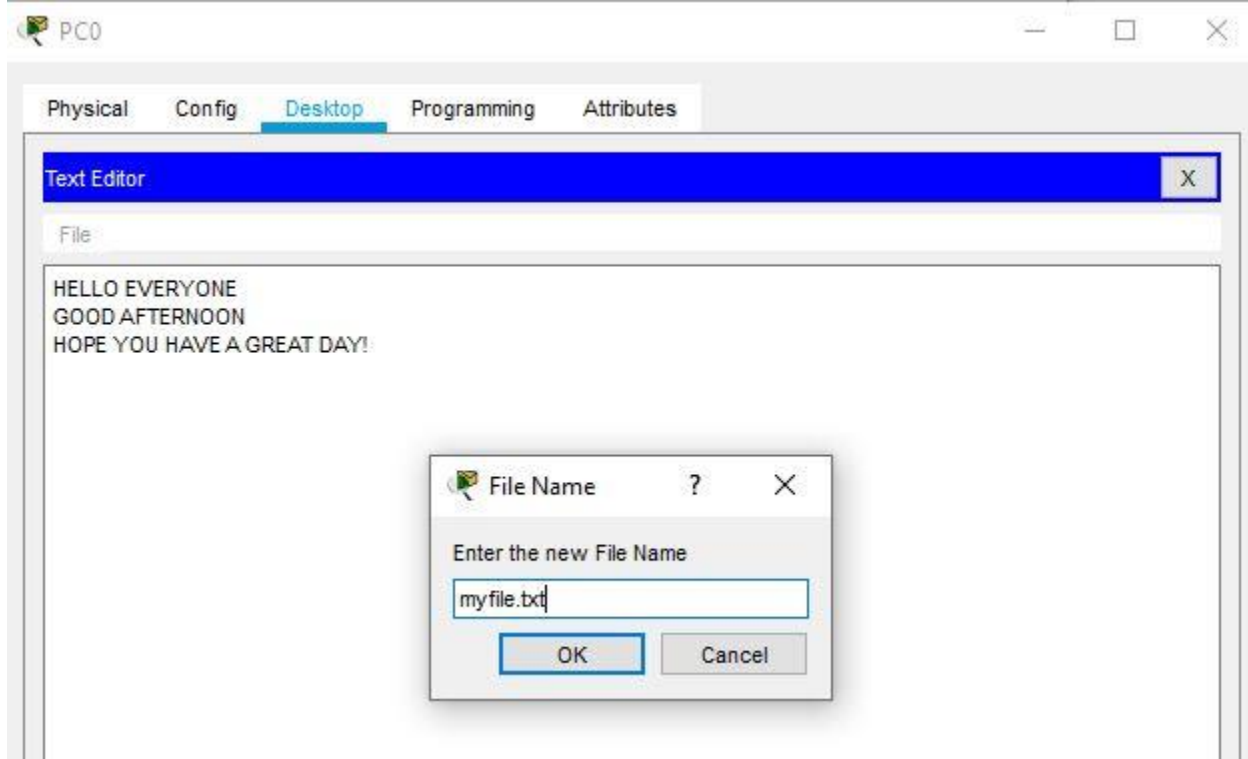| IP Address | 192.168.0.1 |
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

FTP Services:
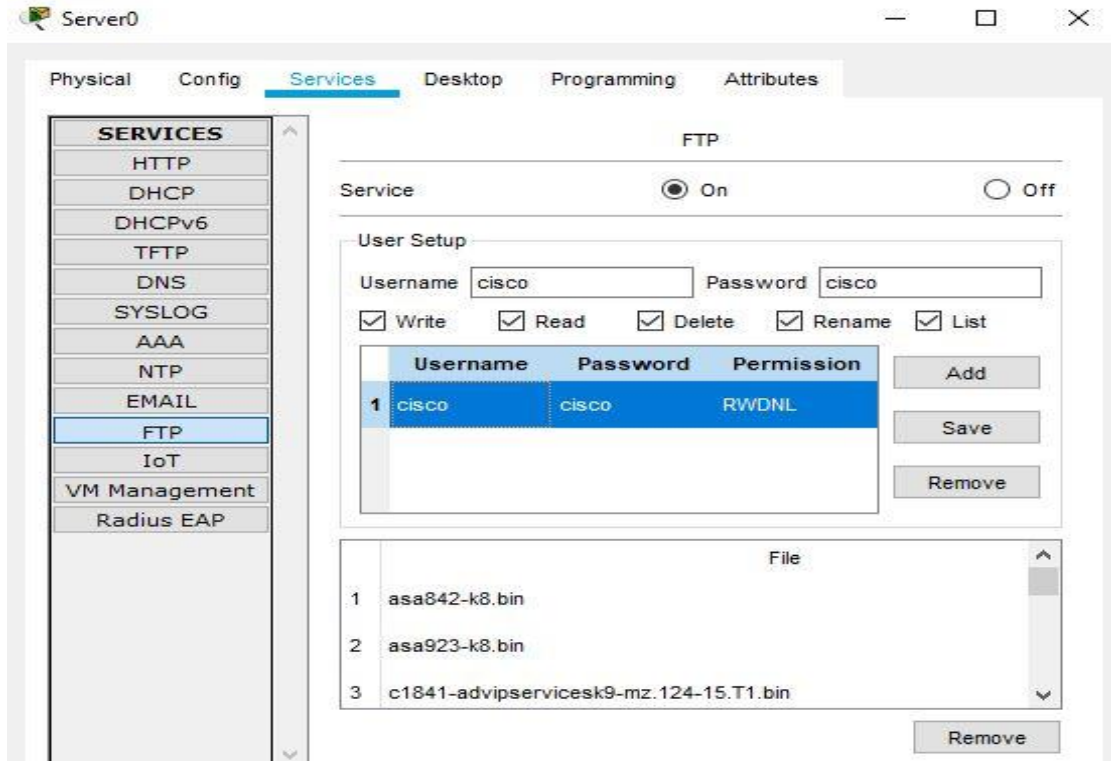
Creating a txt file:

Command Prompt PC0:

PC0

Physical   Config   Desktop   Programming   Attributes

Command Prompt

```
C:\>ipconfig

FastEthernet0 Connection:(default port)

    Link-local IPv6 Address.........: FE80::201:43FF:FE2D:462D
    IP Address......................: 192.168.0.2
    Subnet Mask.....................: 255.255.255.0
    Default Gateway.................: 192.168.0.1

Bluetooth Connection:

    Link-local IPv6 Address.........: ::
    IP Address......................: 0.0.0.0
    Subnet Mask.....................: 0.0.0.0
    Default Gateway.................: 0.0.0.0

C:\>ftp 192.168.0.1
Trying to connect...192.168.0.1
Connected to 192.168.0.1
220- Welcome to PT Ftp server
Username:cisco
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>put myfile.txt
%Error opening c:myfile.txt (No such file or directory)
ftp>put myfile.txt
```

PC0

Physical   Config   Desktop   Programming   Attributes

Command Prompt

```
    Default Gateway.................. 0.0.0.0

C:\>ftp 192.168.0.1
Trying to connect...192.168.0.1
Connected to 192.168.0.1
220- Welcome to PT Ftp server
Username:cisco
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>put myfile.txt
%Error opening c:myfile.txt (No such file or directory)
ftp>put myfile.txt

Writing file myfile.txt to 192.168.0.1:
File transfer in progress...

[Transfer complete - 17 bytes]

17 bytes copied in 0.041 secs (414 bytes/sec)
ftp>get myfile.txt

Reading file myfile.txt from 192.168.0.1:
File transfer in progress...

[Transfer complete - 17 bytes]

17 bytes copied in 0 secs
ftp>
```

Checking for file in FTP directory: