

NAME: VAISHNAVI PASWAN

BATCH: B1

ROLL NO: 13

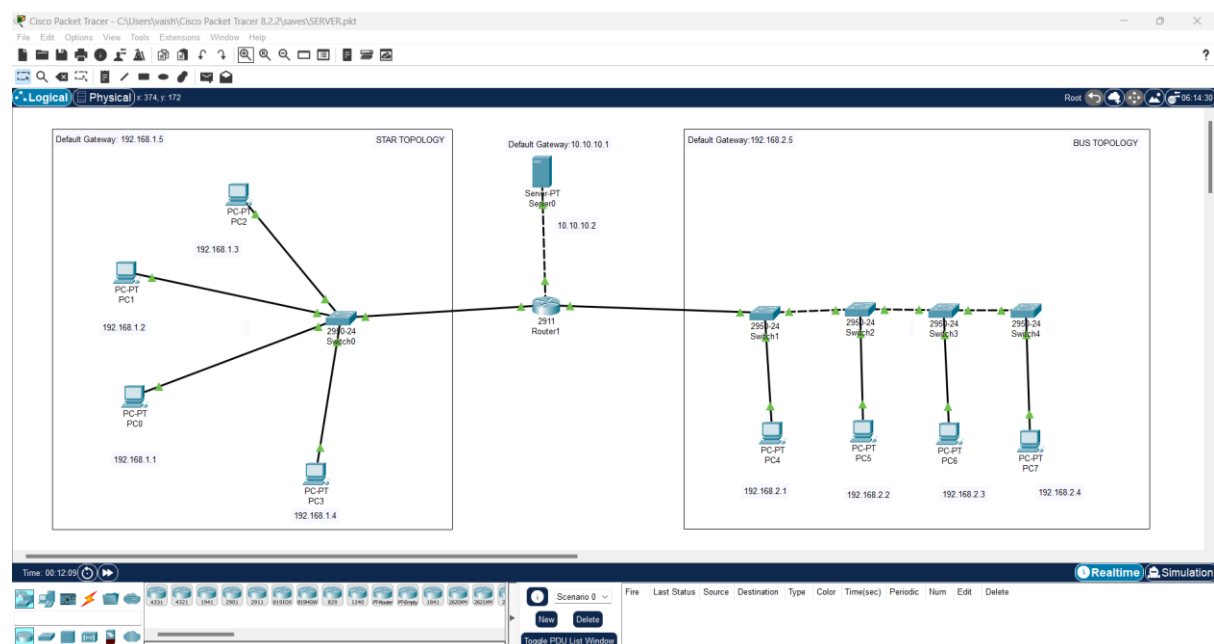
FTP SERVER

The practical outlines the following key concepts:

1. FTP Server Setup: Steps to configure and manage an FTP server, including IP configuration and server services.
2. Dashboard: Visually represents the network topology, showing device connections and allowing management of activities by clicking on devices to view their status and configurations.
3. Text Editor: Editing server files directly through a text editor.
4. File Upload: Uploading files to the server, detailing the necessary steps.
5. File Downloading: Methods for downloading files from the server, both on the same and different networks

DASHBOARD:

The dashboard image illustrates two network topologies. On the left, a **Star topology** is shown, where multiple PCs are connected to a central switch (Switch0) for communication. On the right, a **Bus Topology** is displayed, where multiple PCs are connected in sequence through switches, forming a linear network.



IP CONFIG SERVER:

Server0

PhysicalConfigServicesDesktopProgrammingAttributes

IP ConfigurationX

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

10.10.10.2

Subnet Mask

255.0.0.0

Default Gateway

10.10.10.1

DNS Server

0.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::2D0:FFFF:FE03:D198

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

SERVER SERVICES:

Server0

PhysicalConfigServicesDesktopProgrammingAttributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

FTP

Service

OnOff

User Setup

Username

vaishnaviLab

Password

vaishnavi123

☒ Write

☒ Read

☐ Delete

☒ Rename

☒ List

	Username	Password	Permission
1	cisco	cisco	RWDNL
2	vaishnaviLab	vaishnavi123	RWNL

Add

Save

Remove

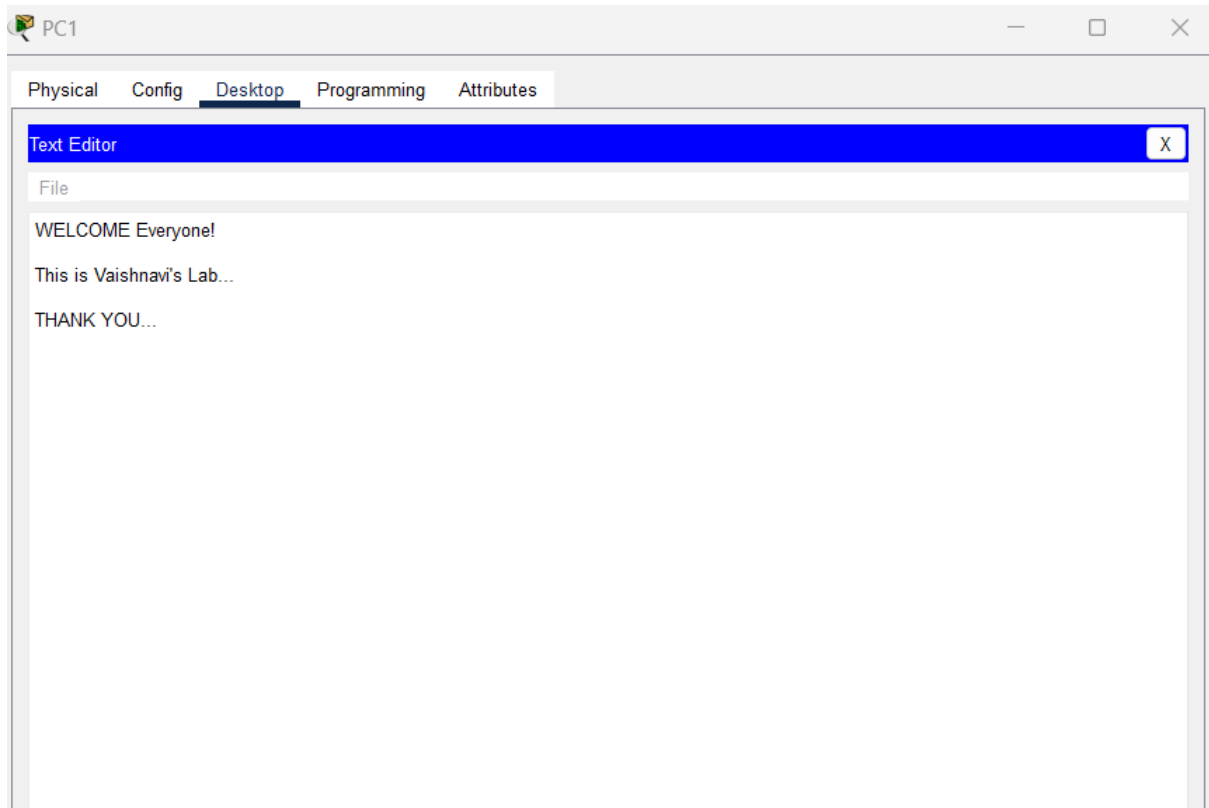
File

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
6	c1900-universalk9-mz.SPA.155-3.M4a.bin
7	c2600-advipservicesk9-mz.124-15.T1.bin

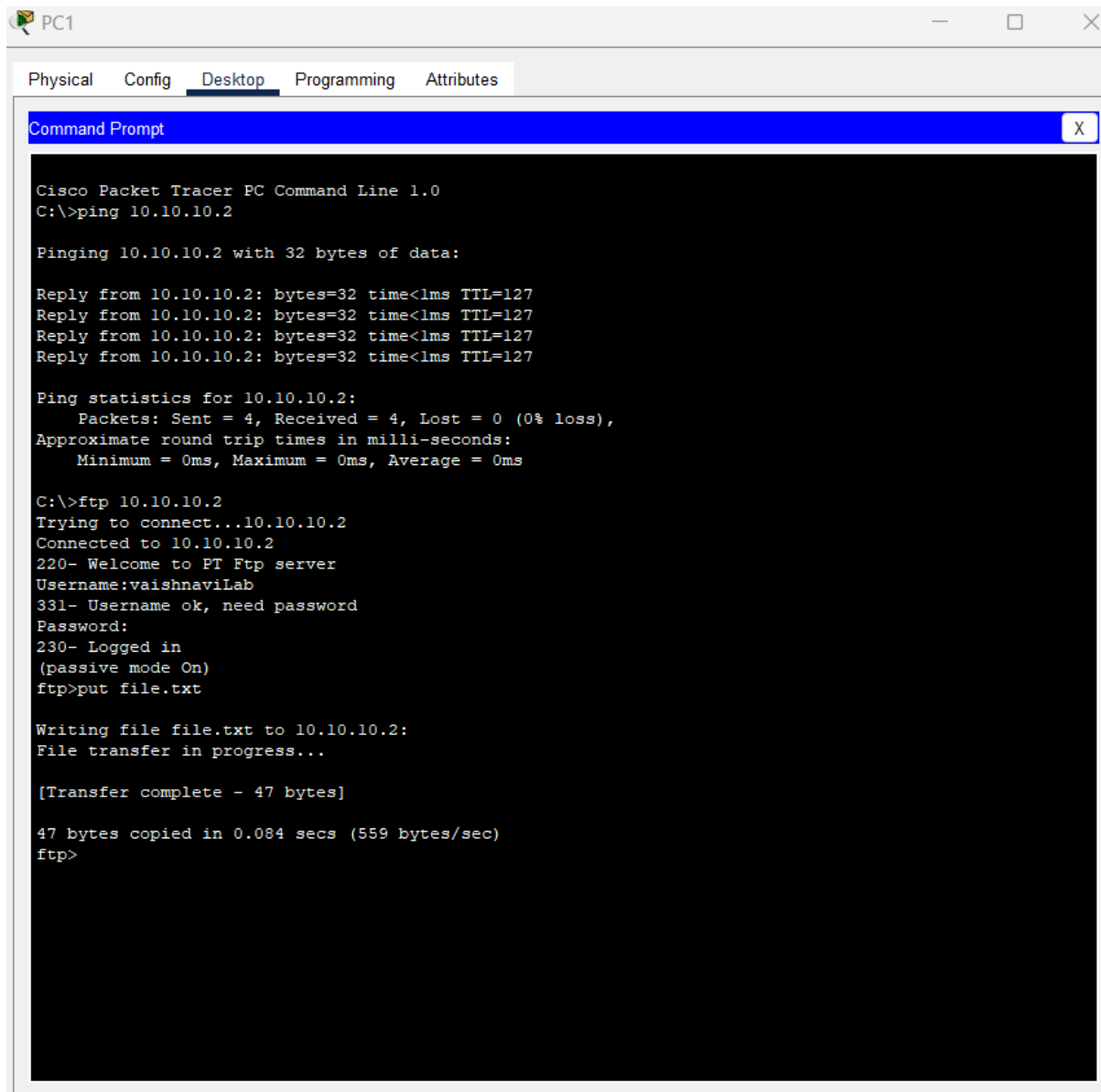
Remove

Top

TEXT EDITOR:



UPLOADING A FILE ON THE SERVER:



The screenshot shows a window titled "PC1" with tabs for Physical, Config, Desktop, Programming, and Attributes. The Desktop tab is active, displaying a "Command Prompt" window. The Command Prompt shows the execution of a ping command to 10.10.10.2, which is successful. It then shows an ftp command to connect to 10.10.10.2. The user is prompted for a username (vaishnaviLab) and a password. After logging in, the user is prompted for a file to upload (file.txt). The file is successfully uploaded to the server.

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.10.10.2

Pinging 10.10.10.2 with 32 bytes of data:

Reply from 10.10.10.2: bytes=32 time<1ms TTL=127
Reply from 10.10.10.2: bytes=32 time<1ms TTL=127
Reply from 10.10.10.2: bytes=32 time<1ms TTL=127
Reply from 10.10.10.2: bytes=32 time<1ms TTL=127

Ping statistics for 10.10.10.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

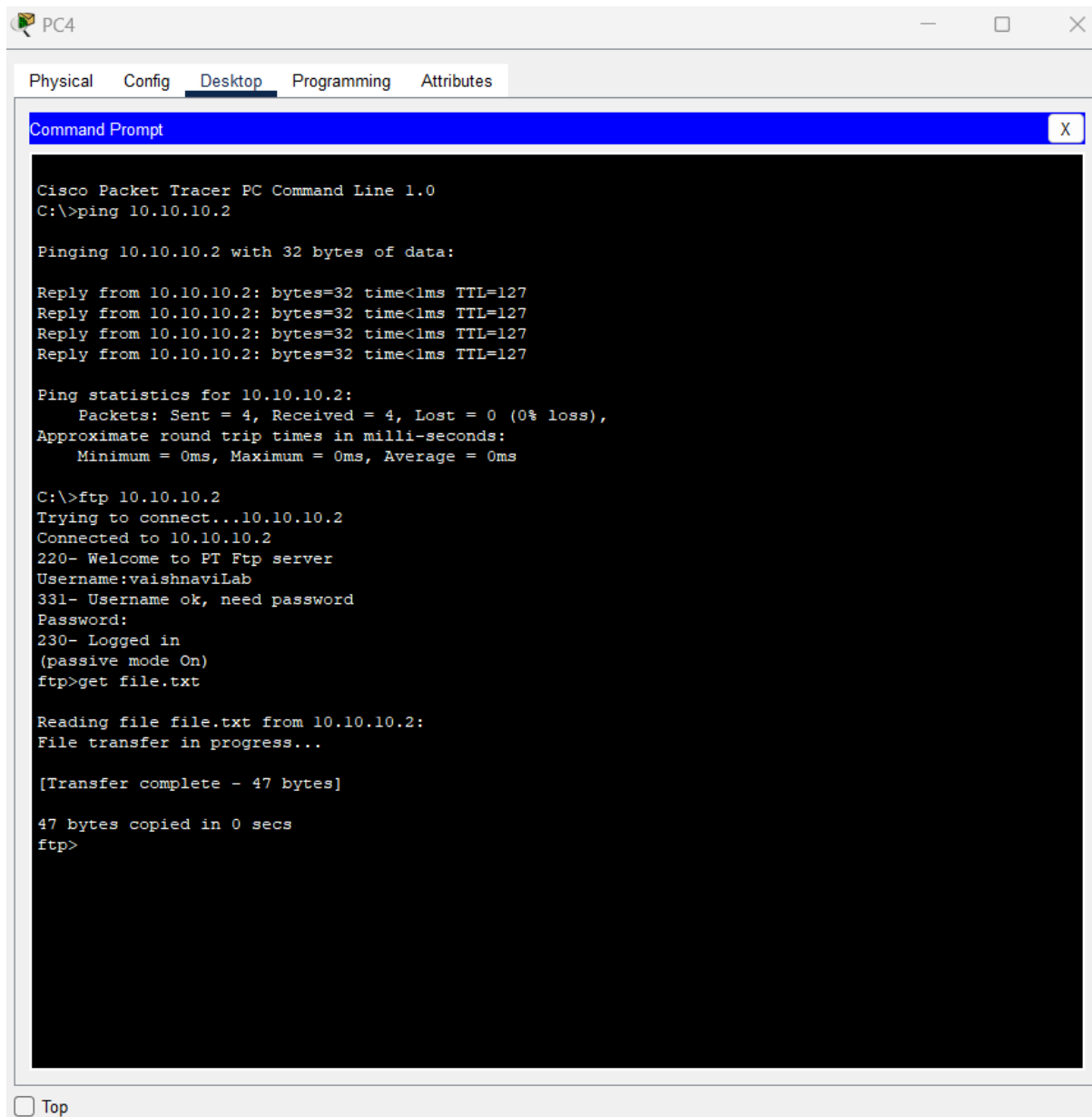
C:\>ftp 10.10.10.2
Trying to connect...10.10.10.2
Connected to 10.10.10.2
220- Welcome to PT Ftp server
Username:vaishnaviLab
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>put file.txt

Writing file file.txt to 10.10.10.2:
File transfer in progress...

[Transfer complete - 47 bytes]

47 bytes copied in 0.084 secs (559 bytes/sec)
ftp>
```

DOWNLOADING FILE FROM THE SERVER ON ANOTHER NETWORK:



```
PC4
Physical Config Desktop Programming Attributes
Command Prompt X

Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.10.10.2

Pinging 10.10.10.2 with 32 bytes of data:

Reply from 10.10.10.2: bytes=32 time<1ms TTL=127
Reply from 10.10.10.2: bytes=32 time<1ms TTL=127
Reply from 10.10.10.2: bytes=32 time<1ms TTL=127
Reply from 10.10.10.2: bytes=32 time<1ms TTL=127

Ping statistics for 10.10.10.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ftp 10.10.10.2
Trying to connect...10.10.10.2
Connected to 10.10.10.2
220- Welcome to PT Ftp server
Username:vaishnaviLab
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>get file.txt

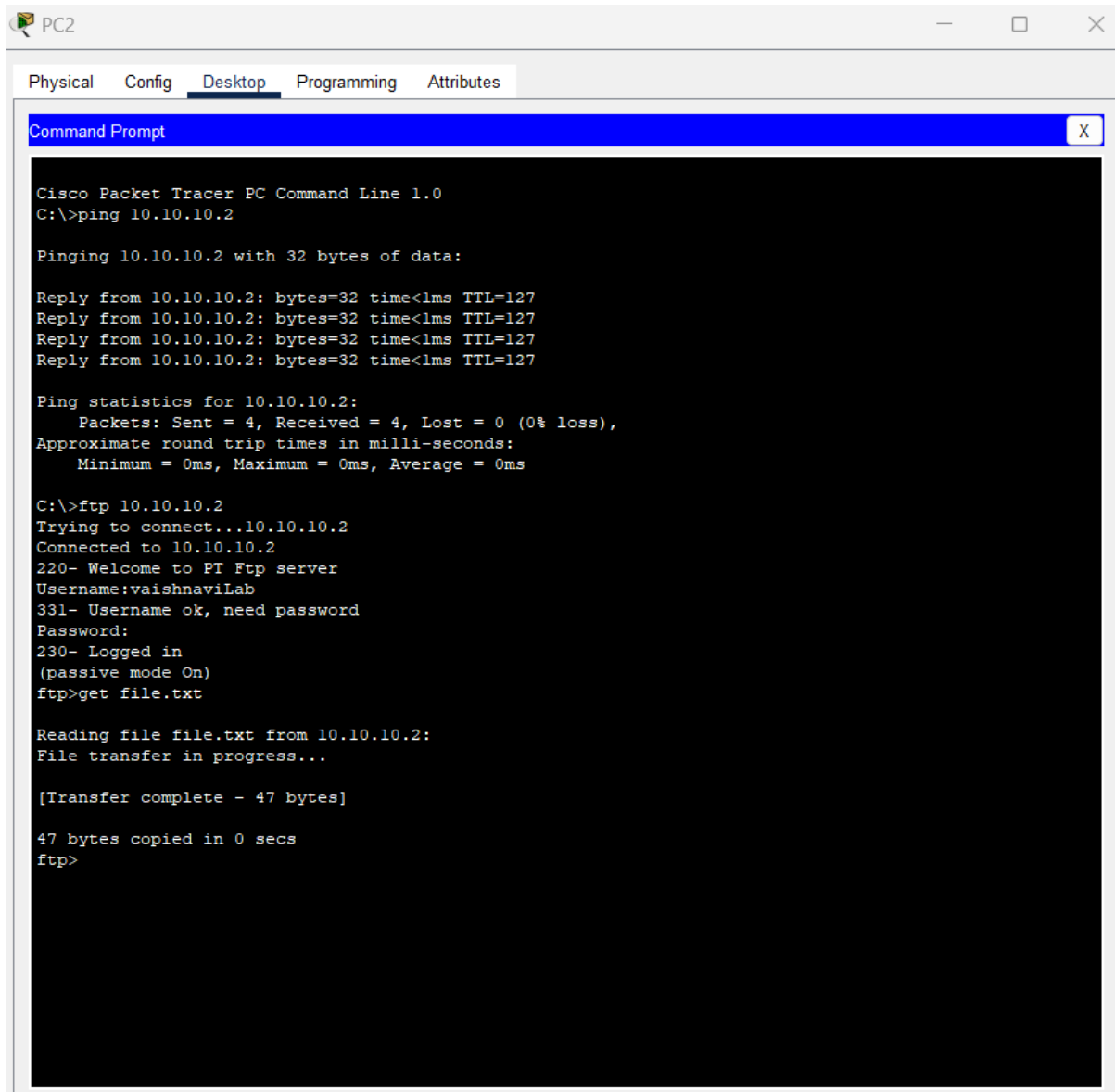
Reading file file.txt from 10.10.10.2:
File transfer in progress...

[Transfer complete - 47 bytes]

47 bytes copied in 0 secs
ftp>
```

☐ Top

DOWNLOADING THE FILE IN THE SAME NETWORK:



The screenshot shows a Cisco Packet Tracer PC Command Line window for PC2. The window has tabs for Physical, Config, Desktop, Programming, and Attributes, with Desktop selected. The Command Prompt window displays the following text:

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.10.10.2

Pinging 10.10.10.2 with 32 bytes of data:

Reply from 10.10.10.2: bytes=32 time<1ms TTL=127
Reply from 10.10.10.2: bytes=32 time<1ms TTL=127
Reply from 10.10.10.2: bytes=32 time<1ms TTL=127
Reply from 10.10.10.2: bytes=32 time<1ms TTL=127

Ping statistics for 10.10.10.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ftp 10.10.10.2
Trying to connect...10.10.10.2
Connected to 10.10.10.2
220- Welcome to PT Ftp server
Username:vaishnaviLab
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>get file.txt

Reading file file.txt from 10.10.10.2:
File transfer in progress...

[Transfer complete - 47 bytes]

47 bytes copied in 0 secs
ftp>
```