Question-2:

Host a ftp and sftp server and try PUT and GET options.

FTP

Accessing a FTP Server in Windows via Linux

----

manoj@MyLinxVM:~$ ftp 192.168.56.1

Connected to 192.168.56.1.

220 Microsoft FTP Service

Name (192.168.56.1:manoj): ftp-user

331 Password required

Password:

230 User logged in.

ftp> ls

229 Entering Extended Passive Mode (|||50470|)

125 Data connection already open; Transfer starting.

03-01-25 05:07PM   489 myscript.sh

03-01-25 06:12PM   631614 file1.pptx

03-01-25 08:01PM   756787 myfile.sh

03-01-25 07:07PM   789252 Module_5_linux_training.pptx

226 Transfer complete.

using PUT Command

manoj@MyLinuxVM:~$ ftp 192.168.56.1

Connected to 192.168.56.1

220 Microsoft FTP Service

Name (192.168.56.1:manoj): ftp-user

331 Password required

Password:

230 User logged in.

ftp> put out.txt

local: out.txt remote: out.txt

229 Entering Extended Passive Mode (|||50599|)

125 Data connection already open; Transfer starting.

100% |*| 3   6.59 KiB/s   --:-- ETA

226 Transfer complete.

3 bytes sent in 00:00 (2.09 KiB/s)

ftp> ls

229 Entering Extended Passive Mode (|||50600|)

125 Data connection already open; Transfer starting.

03-01-25 05:07PM   489 myscript.sh

03-01-25 06:12PM   631614 file1.pptx

03-01-25 08:01PM   756787 myfile.sh

03-01-25 07:07PM   789252 Module_5_linux_training.pptx

226 Transfer complete.

using GET Command

ftp> get file.sh myfile1.sh

local: myfile1.sh remote: file.sh

229 Entering Extended Passive Mode (|||50633|)

125 Data connection already open; Transfer starting.

100% |*| 489   1.59 MiB/s   00:00 ETA

226 Transfer complete.

WARNING! 30 bare linefeeds received in ASCII mode.

File may not have transferred correctly.

489 bytes received in 00:00 (813.52 KiB/s)

SFTP (Secure File Transfer Protocol)

manoj@MyLinuxVM:~$ sftp manoj@192.168.56.1

manoj@192.168.56.1's password:

Connected to 192.168.56.1.

sftp> ls

AppData

Application Data

Contacts

Cookies

Documents

Downloads

Favorites

My Documents

NetHood

OneDrive

PrintHood

Recent

STM32Cube

STMicroelectronics

SendTo

Start Menu

Templates

Tracing

Videos

VirtualBox VMs

cdssetup

eclipse

ntuser.dat.LOG1

ntuser.dat.LOG2

ntuser.ini

PUT Command

sftp> pwd

Remote working directory: /C:/Users/manoj

sftp> put file.sh

Uploading file.sh to /C:/Users/manoj/file.sh

file.sh   100% 489
10.7KB/s   00:00

sftp>

using GET Command

sftp> get ntuser.ini

Fetching /C:/Users/manoj/ntuser.ini to ntuser.ini

ntuser.ini   100%   20
8.4KB/s   00:00