2. Host a FTP and SFTP server and try PUT and GET operations.

FTP PUT and GET OPTIONS:

```
ubuntu@ip-172-31-80-49:~$ sudo systemctl start vsftpd
ubuntu@ip-172-31-80-49:~$ sudo systemctl enable vsftpd
Synchronizing state of vsftpd.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable vsftpd
```

```
ubuntu@ip-172-31-80-49:~$ sudo systemctl status vsftpd
● vsftpd.service - vsftpd FTP server
     Loaded: loaded (/usr/lib/systemd/system/vsftpd.service; enabled; preset: e>
     Active: active (running) since Tue 2025-02-25 12:27:51 UTC; 2min 54s ago
    Process: 1562 ExecStartPre=/bin/mkdir -p /var/run/vsftpd/empty (code=exited>
   Main PID: 1565 (vsftpd)
      Tasks: 1 (limit: 1130)
     Memory: 716.0K (peak: 1.3M)
        CPU: 6ms
     CGroup: /system.slice/vsftpd.service
             └─1565 /usr/sbin/vsftpd /etc/vsftpd.conf

Feb 25 12:27:51 ip-172-31-80-49 systemd[1]: Starting vsftpd.service - vsftpd FT>
Feb 25 12:27:51 ip-172-31-80-49 systemd[1]: Started vsftpd.service - vsftpd FTP>
lines 1-13/13 (END)
```

```
ftp> put /home/sakthi-kumar-s/test_folder/file1.txt
local: /home/sakthi-kumar-s/test_folder/file1.txt remote: /home/sakthi-kumar-s/test_folder/file1.txt
229 Entering Extended Passive Mode (|||49124|)
150 Ok to send data.
 0% |                           |     0        0.00 KiB/s    --:-- ETA
226 Transfer complete.
```

```
ftp> get file1.txt
229 Entering Extended Passive Mode (|||31381|)
150 Opening BINARY mode data connection for /home/sakthi-kumar-s/test_folder/file1.txt (0 bytes).
    0        0.00 KiB/s
226 Transfer complete.
```

SFTP PUT and GET options:

```
(base) sakthi-kumar-s@sakthi-kumar-s-VirtualBox:~$ sftp sakthi-kumar-s@localhost
sakthi-kumar-s@localhost's password:
Connected to localhost.
sftp> put /home/sakthi-kumar-s/test_folder/file1.txt
Uploading /home/sakthi-kumar-s/test_folder/file1.txt to /home/sakthi-kumar-s/file1.txt
file1.txt                                100%    0     0.0KB/s   00:00
sftp> get file1.txt
Fetching /home/sakthi-kumar-s/file1.txt to file1.txt
sftp> exit
```