1) ProFTPD configuration file

```
# If set on you can experience a longer connection delay in many cases.
<IfModule mod_ident.c>
  IdentLookups off
</IfModule>

ServerName "Debian"
# Set to inetd only if you would run proftpd by inetd/xinetd/socket.
# Read README.Debian for more information on proper configuration.
ServerType standalone
DeferWelcome off

# Disable MultilineRFC2228 per https://github.com/proftpd/proftpd/issues/1085
# MultilineRFC2228on
DefaultServer on
ShowSymlinks on

TimeoutNoTransfer 600
TimeoutStalled 600
TimeoutIdle 1200

DisplayLogin welcome.msg
DisplayChdir .message true
ListOptions "-l"

DenyFilter \*.*/

# Use this to jail all users in their homes
DefaultRoot ~
```

2) Terminal showing ProFTPD running successfully.

```
student@student-VMware-Virtual-Platform:~$ systemctl daemon-reload
student@student-VMware-Virtual-Platform:~$ sudo systemctl restart proftpd
student@student-VMware-Virtual-Platform:~$ sudo systemctl status proftpd
● proftpd.service - ProFTPD FTP Server
     Loaded: loaded (/usr/lib/systemd/system/proftpd.service; enabled; preset: enabled)
     Active: active (running) since Wed 2025-03-26 21:42:58 IST; 26s ago
       Docs: man:proftpd(8)
    Process: 5474 ExecStartPre=/usr/sbin/proftpd --configtest -c $CONFIG_FILE $OPTIONS (code=exited, status=0/SUCCESS)
    Process: 5478 ExecStart=/usr/sbin/proftpd -c $CONFIG_FILE $OPTIONS (code=exited, status=0/SUCCESS)
   Main PID: 5479 (proftpd)
      Tasks: 1 (limit: 4551)
     Memory: 1.9M (peak: 3.3M)
        CPU: 26ms
     CGroup: /system.slice/proftpd.service
             └─5479 "proftpd: (accepting connections)"

Mar 26 21:42:58 student-VMware-Virtual-Platform systemd[1]: Starting proftpd.service - ProFTPD FTP Server...
Mar 26 21:42:58 student-VMware-Virtual-Platform proftpd[5474]: Checking syntax of configuration file
Mar 26 21:42:58 student-VMware-Virtual-Platform systemd[1]: Started proftpd.service - ProFTPD FTP Server.
student@student-VMware-Virtual-Platform:~$ 
```

3) Successful connection to FTP Server

```
student@student-VMware-Virtual-Platform:~$ lftp -u student 192.168.253.128
Password:
lftp student@192.168.253.128:~> █
```

4) Terminal output showing both local and FTP directories.

```
lftp student@192.168.253.128:~> pwd
ftp://student@192.168.253.128
lftp student@192.168.253.128:~> !pwd
/home/student
lftp student@192.168.253.128:~> █
```

5) Screenshot of file listing.

```
lftp student@192.168.253.128:~> ls
drwxr-xr-x    2 student   student         4096 Feb   2 12:01 Desktop
drwxr-xr-x    3 student   student         4096 Feb   2 12:05 Documents
drwxr-xr-x    3 student   student         4096 Mar 26 12:24 Downloads
drwxr-xr-x    2 student   student         4096 Feb   2 12:01 Music
drwxr-xr-x    3 student   student         4096 Feb   2 12:05 Pictures
drwxr-xr-x    2 student   student         4096 Feb   2 12:01 Public
drwx------    6 student   student         4096 Mar 26 07:20 snap
drwxr-xr-x    2 student   student         4096 Feb   2 12:01 Templates
drwxr-xr-x    2 student   student         4096 Feb   2 12:01 Videos
lftp student@192.168.253.128:/> !ls -l
total 36
drwxr-xr-x 2 student student 4096 Feb   2 17:31 Desktop
drwxr-xr-x 3 student student 4096 Feb   2 17:35 Documents
drwxr-xr-x 3 student student 4096 Mar 26 17:54 Downloads
drwxr-xr-x 2 student student 4096 Feb   2 17:31 Music
drwxr-xr-x 3 student student 4096 Feb   2 17:35 Pictures
drwxr-xr-x 2 student student 4096 Feb   2 17:31 Public
drwx------ 6 student student 4096 Mar 26 12:50 snap
drwxr-xr-x 2 student student 4096 Feb   2 17:31 Templates
drwxr-xr-x 2 student student 4096 Feb   2 17:31 Videos
lftp student@192.168.253.128:/>
```

6) <u>Screenshot of files successfully uploaded</u>.

```
lftp student@192.168.253.128:/> put -a ubuntu.txt
14 bytes transferred
lftp student@192.168.253.128:/> mput -a test.txt test2.txt
mput: /home/student/test.txt: No such file or directory
mput: /home/student/test2.txt: No such file or directory
lftp student@192.168.253.128:/> mput -a text.txt text2.txt
mput: /home/student/text.txt: No such file or directory
8 bytes transferred
Transfer of 1 of 2 files failed
lftp student@192.168.253.128:/> mput -a text1.txt text2.txt
14 bytes transferred
Total 2 files transferred
lftp student@192.168.253.128:/> ▊
```

7) <u>Screenshot of files successfully downloaded.</u>

```
lftp student@192.168.253.128:/> get -a test.py
get: /home/student/test.py: File exists
lftp student@192.168.253.128:/> mget -a text1.txt text2.txt
mget: /home/student/text1.txt: file already exists and xfer:clobber is unset
mget: /home/student/text2.txt: file already exists and xfer:clobber is unset
lftp student@192.168.253.128:/> ▊
```

8) <u>Screenshot showing the newly created directory.</u>

```
lftp student@192.168.253.128:/> mkdir testdir
mkdir ok, `testdir' created
lftp student@192.168.253.128:/> ls
drwxr-xr-x   2 student   student        4096 Feb  2 12:01 Desktop
drwxr-xr-x   3 student   student        4096 Feb  2 12:05 Documents
drwxr-xr-x   3 student   student        4096 Mar 26 12:24 Downloads
drwxr-xr-x   2 student   student        4096 Feb  2 12:01 Music
drwxr-xr-x   3 student   student        4096 Feb  2 12:05 Pictures
drwxr-xr-x   2 student   student        4096 Feb  2 12:01 Public
drwx------   6 student   student        4096 Mar 26 07:20 snap
drwxr-xr-x   2 student   student        4096 Feb  2 12:01 Templates
-rw-rw-r--   1 student   student           0 Mar 26 16:35 test1.py
-rw-rw-r--   1 student   student           0 Mar 26 16:37 test2.py
drwxr-xr-x   2 student   student        4096 Mar 26 16:38 testdir
-rw-rw-r--   1 student   student           0 Mar 26 16:35 test.py
-rw-rw-r--   1 student   student           5 Mar 26 16:32 text1.txt
-rw-rw-r--   1 student   student           7 Mar 26 16:32 text2.txt
-rw-rw-r--   1 student   student          13 Mar 26 16:31 ubuntu.txt
drwxr-xr-x   2 student   student        4096 Feb  2 12:01 Videos
lftp student@192.168.253.128:/> █
```

9) <u>Screenshot showing the directory removal.</u>

```
lftp student@192.168.253.128:/> rmdir testdir
rmdir ok, `testdir' removed
lftp student@192.168.253.128:/> ls
drwxr-xr-x   2 student   student        4096 Feb  2 12:01 Desktop
drwxr-xr-x   3 student   student        4096 Feb  2 12:05 Documents
drwxr-xr-x   3 student   student        4096 Mar 26 12:24 Downloads
drwxr-xr-x   2 student   student        4096 Feb  2 12:01 Music
drwxr-xr-x   3 student   student        4096 Feb  2 12:05 Pictures
drwxr-xr-x   2 student   student        4096 Feb  2 12:01 Public
drwx------   6 student   student        4096 Mar 26 07:20 snap
drwxr-xr-x   2 student   student        4096 Feb  2 12:01 Templates
-rw-rw-r--   1 student   student           0 Mar 26 16:35 test1.py
-rw-rw-r--   1 student   student           0 Mar 26 16:37 test2.py
-rw-rw-r--   1 student   student           0 Mar 26 16:35 test.py
-rw-rw-r--   1 student   student           5 Mar 26 16:32 text1.txt
-rw-rw-r--   1 student   student           7 Mar 26 16:32 text2.txt
-rw-rw-r--   1 student   student          13 Mar 26 16:31 ubuntu.txt
drwxr-xr-x   2 student   student        4096 Feb  2 12:01 Videos
lftp student@192.168.253.128:/>
```

10) Screenshot showing the deleted files.

```
lftp student@192.168.253.128:/> rm text2.txt
rm ok, `text2.txt' removed
lftp student@192.168.253.128:/> mrm ubuntu.txt text1.txt
rm ok, 2 files removed
lftp student@192.168.253.128:/> ls
drwxr-xr-x    2 student  student         4096 Feb  2 12:01 Desktop
drwxr-xr-x    3 student  student         4096 Feb  2 12:05 Documents
drwxr-xr-x    3 student  student         4096 Mar 26 12:24 Downloads
drwxr-xr-x    2 student  student         4096 Feb  2 12:01 Music
drwxr-xr-x    3 student  student         4096 Feb  2 12:05 Pictures
drwxr-xr-x    2 student  student         4096 Feb  2 12:01 Public
drwx------    6 student  student         4096 Mar 26 07:20 snap
drwxr-xr-x    2 student  student         4096 Feb  2 12:01 Templates
-rw-rw-r--    1 student  student            0 Mar 26 16:35 test1.py
-rw-rw-r--    1 student  student            0 Mar 26 16:37 test2.py
-rw-rw-r--    1 student  student            0 Mar 26 16:35 test.py
drwxr-xr-x    2 student  student         4096 Feb  2 12:01 Videos
lftp student@192.168.253.128:/> █
```

11) Screenshot showing the successful exit.

```
lftp student@192.168.253.128:/> quit
student@student-VMware-Virtual-Platform:~$ █
```