FTP

1.sudo apt update
2.sudo apt install vsftpd
3.sudo service vsftpd status

4.sudo nano /etc/vsftpd.conf

anonymous_enable=YES
local_enable=YES
write_enable=YES

5.sudo systemctl restart vsftpd
6.sudo ufw allow ftp   #allow ftp

7.sudo useradd -m hamza
8.sudo passwd hamza
9.hostname
10. sudo ftp *hostname*   *(enter name and password of new user created)*

```
mhg_hamza10@mohamed:~$ sudo ftp mohamed
Connected to mohamed.
220 (vsFTPd 3.0.5)
Name (mohamed:mhg_hamza10): hamza
331 Please specify the password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
```

Operations such as

mkdir
rmdir
put
get
mput
mget

ls

```
ftp> mkdir hamza
257 "/home/hamza/hamza" created
ftp> put quickksort.c
local: quickksort.c remote: quickksort.c
229 Entering Extended Passive Mode (||||65101|)
150 Ok to send data.
100% |*********************************|    802
226 Transfer complete.
802 bytes sent in 00:00 (278.42 KiB/s)
ftp> rmdir hamza
250 Remove directory operation successful
```

```
ftp> mput selection.c quicksort.c stack.c
mput selection.c [anpqy?]?
229 Entering Extended Passive Mode (||||23154|)
150 Ok to send data.
100% |*********************************|    586       29.41 MiB/s    00:00 ETA
226 Transfer complete.
586 bytes sent in 00:00 (1.45 MiB/s)
mput quicksort.c [anpqy?]?
ftp: Can't open `quicksort.c': No such file or directory
mput stack.c [anpqy?]?
229 Entering Extended Passive Mode (||||14490|)
150 Ok to send data.
100% |*********************************|   1266       474.05 KiB/s   00:00 ETA
226 Transfer complete.
1266 bytes sent in 00:00 (444.72 KiB/s)
ftp> ls
229 Entering Extended Passive Mode (||||8520|)
150 Here comes the directory listing.
drwxr-xr-x    3 1002     1002         4096 Nov 03 12:46 Desktop
drwxr-xr-x    2 1002     1002         4096 Nov 03 12:29 Documents
drwxr-xr-x    2 1002     1002         4096 Nov 03 12:29 Downloads
drwxr-xr-x    2 1002     1002         4096 Nov 03 12:29 Music
drwxr-xr-x    2 1002     1002         4096 Nov 03 12:29 Pictures
drwxr-xr-x    2 1002     1002         4096 Nov 03 12:29 Public
drwxr-xr-x    2 1002     1002         4096 Nov 03 12:29 Templates
drwxr-xr-x    2 1002     1002         4096 Nov 03 12:29 Videos
-rw-rw-r--    1 1002     1002            0 Nov 03 12:46 get.c
-rw-------    1 1002     1002          802 Nov 03 12:41 quickksort.c
-rw-------    1 1002     1002          586 Nov 03 12:49 selection.c
-rw-------    1 1002     1002         2476 Nov 03 12:44 sjfarr.c
drwx------    3 1002     1002         4096 Nov 03 12:29 snap
-rw-------    1 1002     1002         1266 Nov 03 12:49 stack.c
```

Reference link https://www.cybrosys.com/blog/how-to-setup-ftp-server-on-ubuntu-20-04