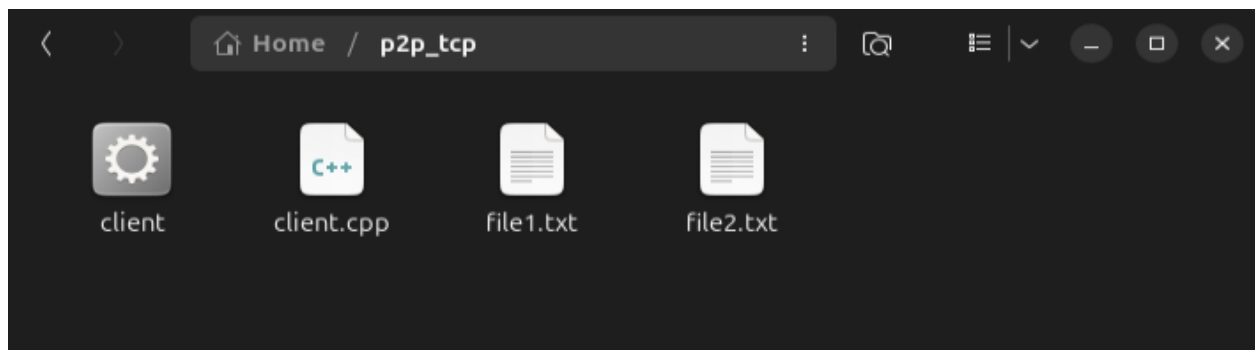


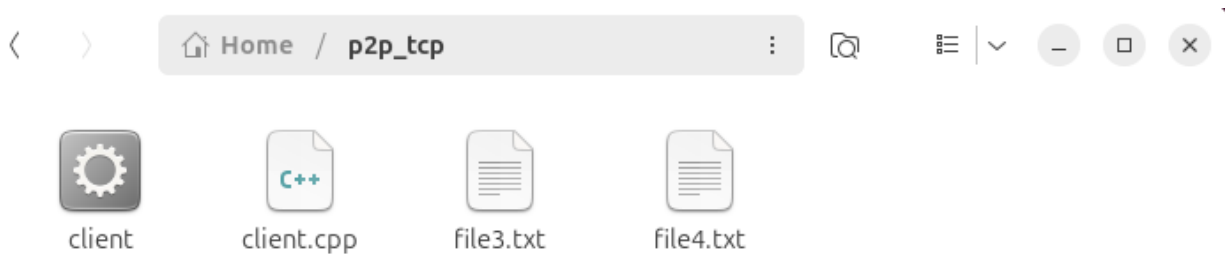
Directory of requesting client before file transfer



Directory of second client containing file1.txt , file2.txt



Directory of third client containing file3.txt , file4.txt



Server terminal showing requests

```
server@server-VirtualBox: ~/p2p_tcp
server@server-VirtualBox:~/p2p_tcp$ g++ server.cpp -o server
server@server-VirtualBox:~/p2p_tcp$ sudo ./server
Server listening on port 4444
Received request: Send file1.txt from 192.168.2.3
Received request: Send file2.txt,file3.txt,file4.txt from 192.168.2.3
Received request: Send file3.txt,file4.txt from 192.168.2.2
```

Requesting client terminal

```
server@server-VirtualBox:~/p2p_tcp$ g++ client.cpp -o client
server@server-VirtualBox:~/p2p_tcp$ sudo ./client
Registered 5 files from current directory
Enter command (Send file1,file2 or Exit):
Send file1.txt
Downloads started
Enter command (Send file1,file2 or Exit):
Downloaded file1.txt from 192.168.2.2

Send file2.txt,file3.txt,file4.txt
Downloads started
Enter command (Send file1,file2 or Exit):
Downloaded file4.txt from 192.168.2.4

Downloaded file2.txt from 192.168.2.2

Downloaded file3.txt from 192.168.2.4
```

Second client Terminal - requests and send files

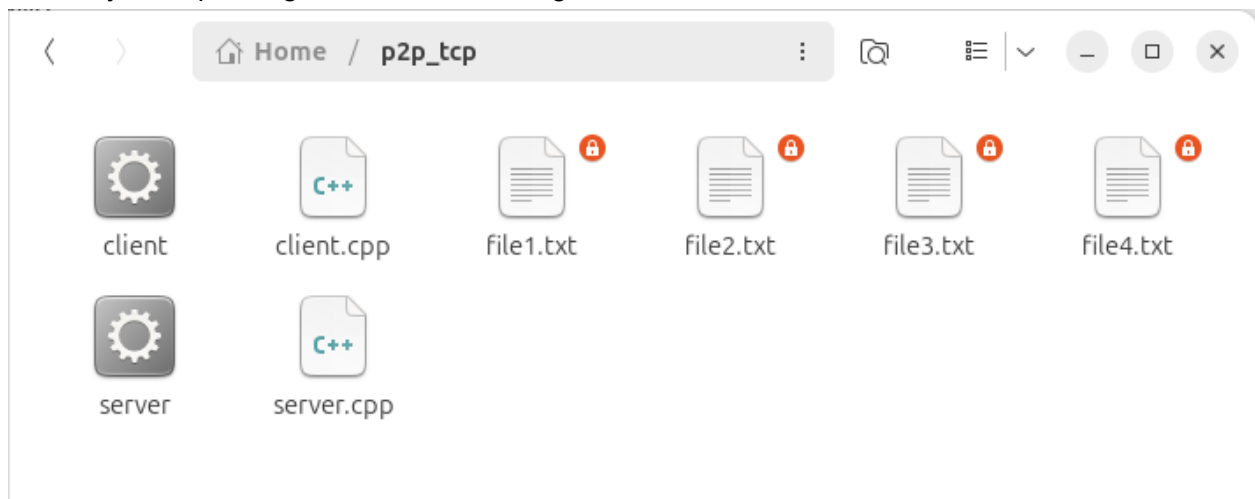
```
client@client-VirtualBox: ~/p2p_tcp
client@client-VirtualBox:~/p2p_tcp$ g++ client.cpp -o client
client@client-VirtualBox:~/p2p_tcp$ sudo ./client
Registered 4 files from current directory
Enter command (Send file1,file2 or Exit):
File request: file1.txt from 192.168.2.3
Sent file1.txt to 192.168.2.3
File request: file2.txt from 192.168.2.3
Sent file2.txt to 192.168.2.3
Send file3.txt,file4.txt
Downloads started
Enter command (Send file1,file2 or Exit):
Downloaded file3.txt from 192.168.2.4

Downloaded file4.txt from 192.168.2.4
```

Third client terminal - send files

```
mitm@mitm-VirtualBox: ~/p2p_tcp
mitm@mitm-VirtualBox:~/p2p_tcp$ g++ client.cpp -o client
mitm@mitm-VirtualBox:~/p2p_tcp$ sudo ./client
Registered 4 files from current directory
Enter command (Send file1,file2 or Exit):
File request: file4.txt from 192.168.2.3
Sent file4.txt to 192.168.2.3
File request: file3.txt from 192.168.2.3
Sent file3.txt to 192.168.2.3
File request: file3.txt from 192.168.2.2
Sent file3.txt to 192.168.2.2
File request: file4.txt from 192.168.2.2
Sent file4.txt to 192.168.2.2
```

Directory of requesting client after receiving files



Directory of second client after receiving files

