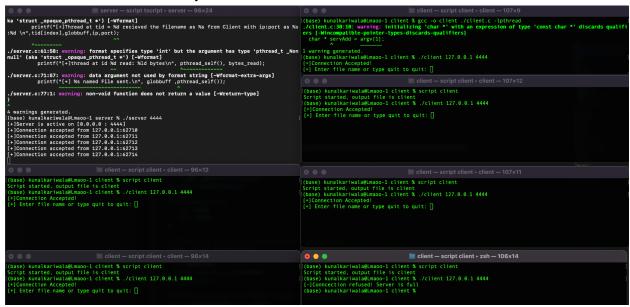
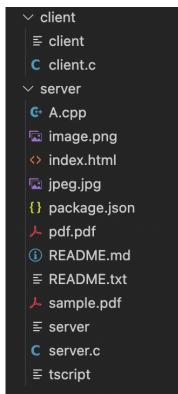
## Same machine:-

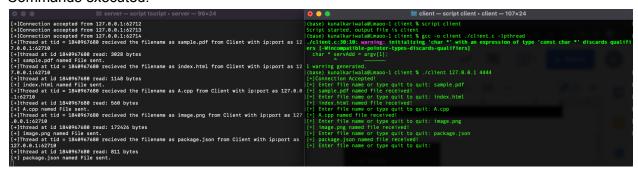
## Proof that it allows at max only 5 clients at a time



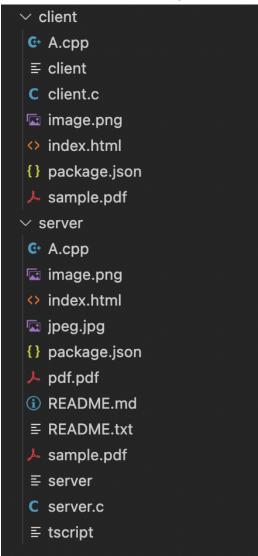
# File structure before executing the commands



## Commands executed:-



File structure after executing the commands.



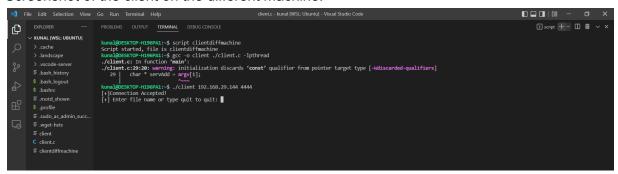
The script file until now is available in serverscript1.

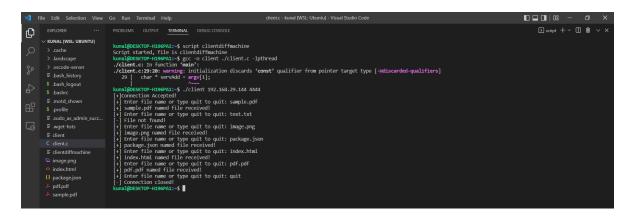
## Different machines:

## Screenshot of the server:

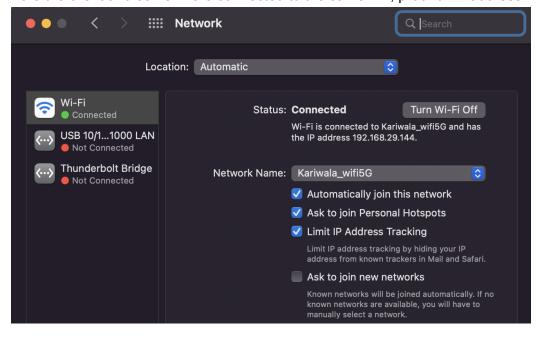
```
[(base) kunalkariwala@Lmaoo-1 server % script serverscript2
Script started, output file is serverscript2
[(base) kunalkariwala@Lmaoo-1 server % ./server 4444
[+]Server is active on [0.0.0.0 : 4444]
[+]Connection accepted from 192.168.29.199:60016
[+]Thread at tid = 1830760448 recieved the filename as sample.pdf from Client with ip:port as 192.168.29.199:60016
[+]Sample.pdf named File sent.
[+]Thread at tid = 1830760448 recieved the filename as text.txt from Client with ip:port as 192.168.29.199:60016
[+]Thread at tid = 1830760448 recieved the filename as image.png from Client with ip:port as 192.168.29.199:60016
[+]Thread at tid = 1830760448 recieved the filename as image.png from Client with ip:port as 192.168.29.199:60016
[+]Thread at tid = 1830760448 recieved the filename as package.json from Client with ip:port as 192.168.29.199:60016
[+]Thread at tid = 1830760448 recieved the filename as index.html from Client with ip:port as 192.168.29.199:60016
[+]Thread at tid = 1830760448 recieved the filename as index.html from Client with ip:port as 192.168.29.199:60016
[+]Thread at tid = 1830760448 recieved the filename as pdf.pdf from Client with ip:port as 192.168.29.199:60016
[+]Thread at tid = 1830760448 recieved the filename as pdf.pdf from Client with ip:port as 192.168.29.199:60016
[+]Thread at tid = 1830760448 recieved the filename as pdf.pdf from Client with ip:port as 192.168.29.199:60016
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[+]Thread at tid = 1830760448 recieved the filename as pdf.pdf from Client with ip:port as 192.168.29.199:60016
[+]Thread at tid = 1830760448 recieved the filename as pdf.pdf from Client with ip:port as 192.168.29.199:60016
[+]Thread at tid = 1830760448 recieved the filename as pdf.pdf from Client with ip:port as 192.168.29.199:60016
[+]Thread at tid = 1830760448 recieved the filename as pdf.pdf from Client with ip:port as 192.168.29.199:60016
[+]Thread at tid = 1830760448 recieved the filename as pdf.pdf from C
```

## Screenshot of the client on the different machine.





Here the client and server were connected to the same wifi, proof of IP address:-



Script file is available in serverscript2.