

Assignment 4: Concurrent Server Implementation

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Steps:

1. Compile both tcpserver.c and tcpclient.c using command **make**.
2. Change directory to Server/. Run tcpserver using command
./tcpserver <port number>
3. Open another terminal and Change directory to Client/. Run tcpclient using command
./tcpclient <host address> <port number> <file name>
4. Run multiple such clients to see concurrency in action.

Concurrent Server Implementation :

- By creating a child process(using fork() system call) for every new connection, we can handle multiple client requests. So, In essence Server is just providing an illusion of handling clients parallelly.