

Concurrent application with a tcp server

The application supports connecting multiple clients to the server by creating a separate child process for each client. These child processes receive messages from clients and send the reversed string back to the client.

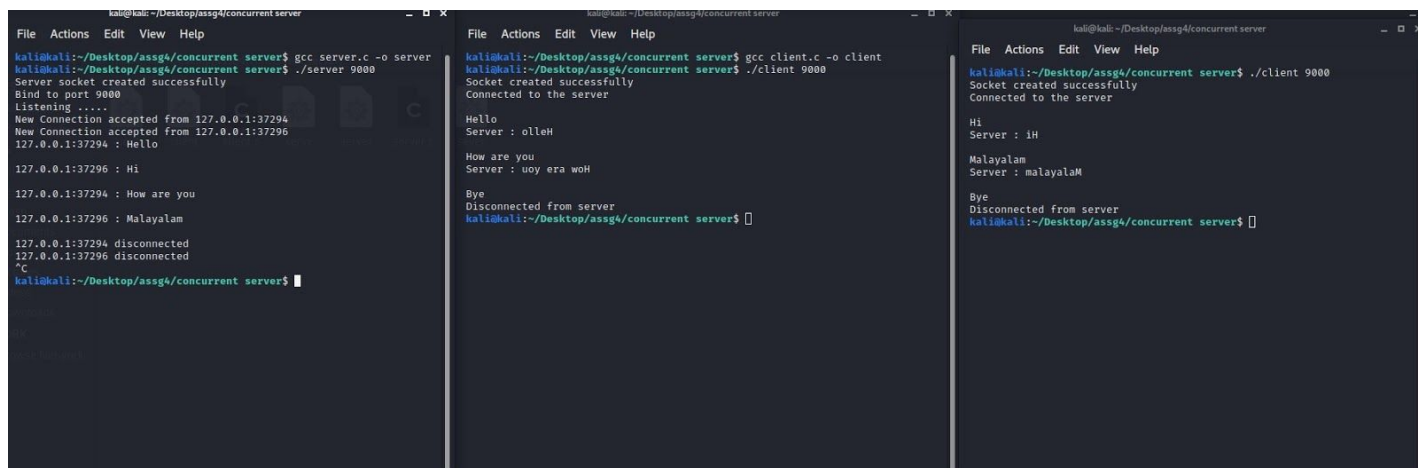
How to run?

For server:

```
gcc server.c -o server
./server <server_port_no>
```

For client:

```
gcc client.c -o client
./client <server_port_no>
```



```
kali@kali: ~/Desktop/assg4/concurrent server
File Actions Edit View Help
kali@kali:~/Desktop/assg4/concurrent server$ gcc server.c -o server
kali@kali:~/Desktop/assg4/concurrent server$ ./server 9000
Server socket created successfully
Bind to port 9000
Listening .....
New Connection accepted from 127.0.0.1:37294
New Connection accepted from 127.0.0.1:37296
127.0.0.1:37294 : Hello
127.0.0.1:37296 : Hi
127.0.0.1:37294 : How are you
127.0.0.1:37296 : Malayalam
127.0.0.1:37294 disconnected
127.0.0.1:37296 disconnected
^C
kali@kali:~/Desktop/assg4/concurrent server$

kali@kali:~/Desktop/assg4/concurrent server
File Actions Edit View Help
kali@kali:~/Desktop/assg4/concurrent server$ gcc client.c -o client
kali@kali:~/Desktop/assg4/concurrent server$ ./client 9000
Socket created successfully
Connected to the server

Hello
Server : olleH

How are you
Server : uoy era woH

Bye
Disconnected from server
kali@kali:~/Desktop/assg4/concurrent server$

kali@kali:~/Desktop/assg4/concurrent server
File Actions Edit View Help
kali@kali:~/Desktop/assg4/concurrent server$ ./client 9000
Socket created successfully
Connected to the server

Hi
Server : iH

Malayalam
Server : malayalaM

Bye
Disconnected from server
kali@kali:~/Desktop/assg4/concurrent server$
```