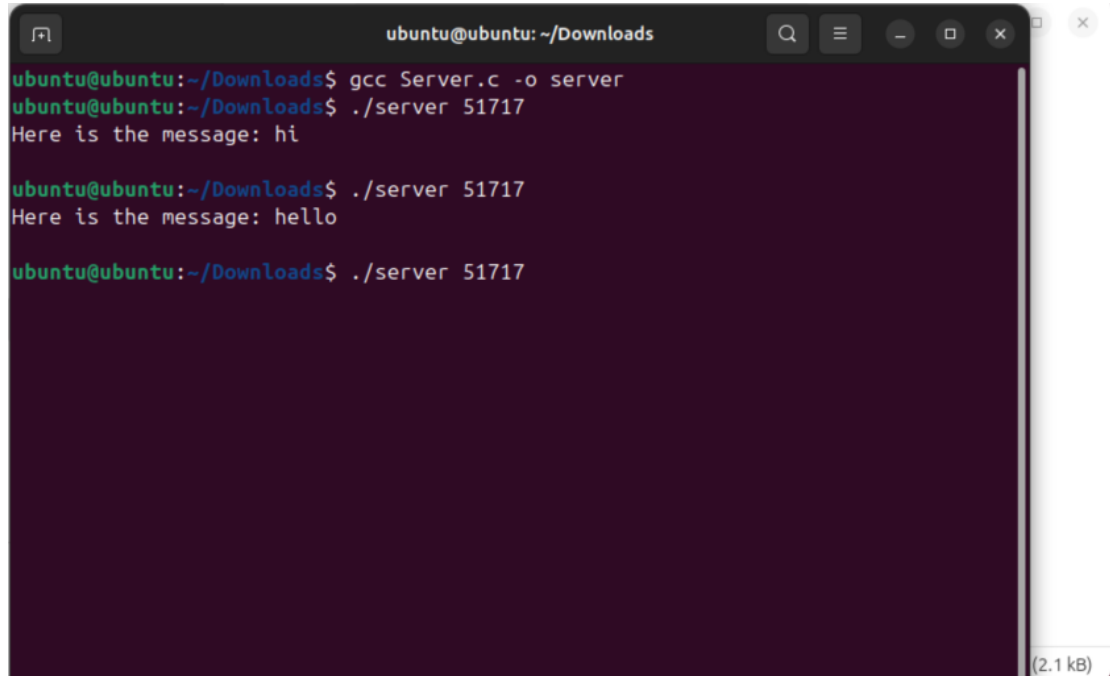


EE533 Lab1

Server Waiting for Client:

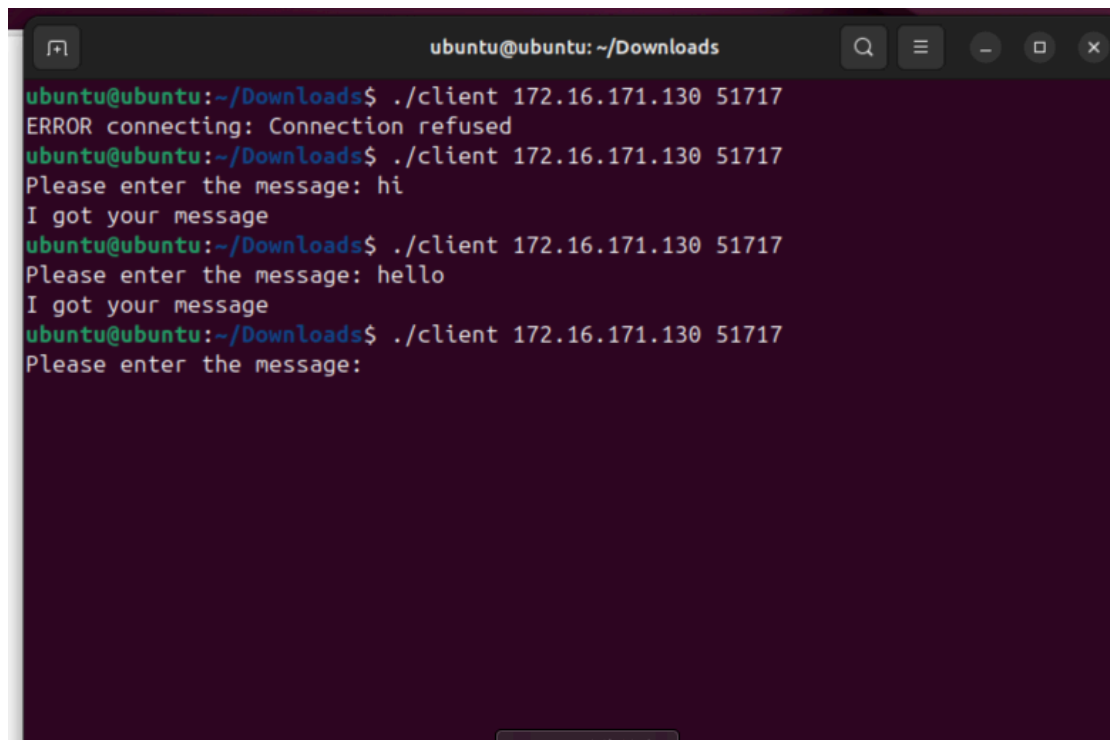
A terminal window titled 'ubuntu@ubuntu: ~/Downloads' with search, menu, and window control icons. It shows the compilation of 'Server.c' into 'server' and two successful connections from a client at 51717. The first connection receives the message 'hi' and the second receives 'hello'.

```
ubuntu@ubuntu:~/Downloads$ gcc Server.c -o server
ubuntu@ubuntu:~/Downloads$ ./server 51717
Here is the message: hi

ubuntu@ubuntu:~/Downloads$ ./server 51717
Here is the message: hello

ubuntu@ubuntu:~/Downloads$ ./server 51717
```

Client connecting to Server:

A terminal window titled 'ubuntu@ubuntu: ~/Downloads' with search, menu, and window control icons. It shows a client attempting to connect to the server at 172.16.171.130:51717. The first attempt fails with 'ERROR connecting: Connection refused'. The second attempt succeeds, and the client sends the message 'hi', receiving 'I got your message' in response. The third attempt also succeeds, with the client sending 'hello' and receiving 'I got your message'.

```
ubuntu@ubuntu:~/Downloads$ ./client 172.16.171.130 51717
ERROR connecting: Connection refused
ubuntu@ubuntu:~/Downloads$ ./client 172.16.171.130 51717
Please enter the message: hi
I got your message
ubuntu@ubuntu:~/Downloads$ ./client 172.16.171.130 51717
Please enter the message: hello
I got your message
ubuntu@ubuntu:~/Downloads$ ./client 172.16.171.130 51717
Please enter the message:
```

Client sending message: (How are you?)

```
ubuntu@ubuntu: ~/Downloads
ubuntu@ubuntu:~/Downloads$ ./client 172.16.171.130 51717
ERROR connecting: Connection refused
ubuntu@ubuntu:~/Downloads$ ./client 172.16.171.130 51717
Please enter the message: hi
I got your message
ubuntu@ubuntu:~/Downloads$ ./client 172.16.171.130 51717
Please enter the message: hello
I got your message
ubuntu@ubuntu:~/Downloads$ ./client 172.16.171.130 51717
Please enter the message: How are you?
I got your message
ubuntu@ubuntu:~/Downloads$
```

Server received message:

```
ubuntu@ubuntu: ~/Downloads
ubuntu@ubuntu:~/Downloads$ gcc Server.c -o server
ubuntu@ubuntu:~/Downloads$ ./server 51717
Here is the message: hi
ubuntu@ubuntu:~/Downloads$ ./server 51717
Here is the message: hello
ubuntu@ubuntu:~/Downloads$ ./server 51717
Here is the message: How are you?
ubuntu@ubuntu:~/Downloads$
```