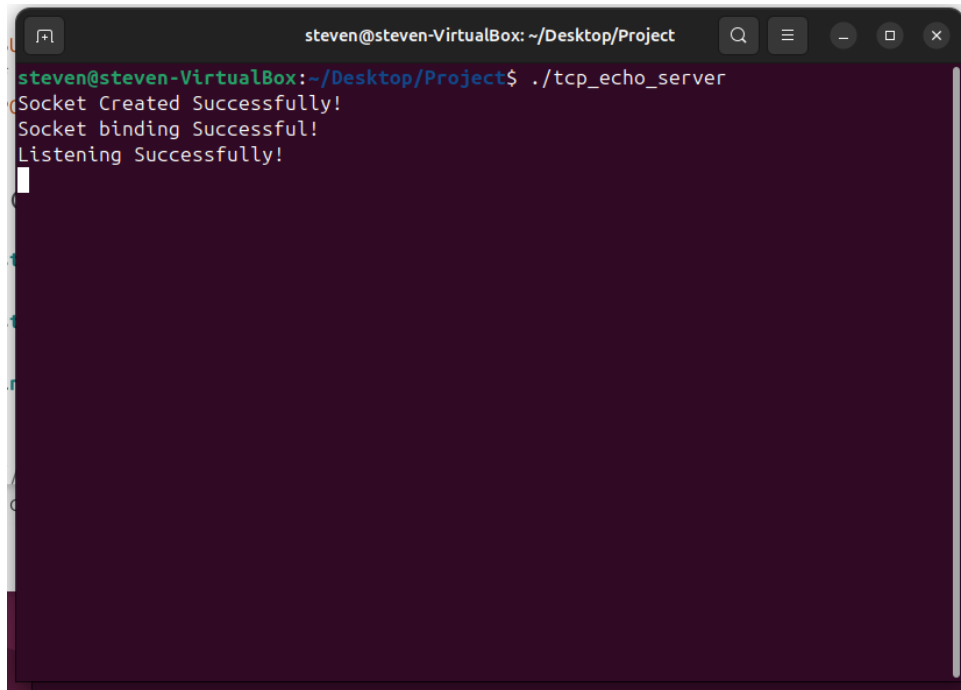


Project Part 2

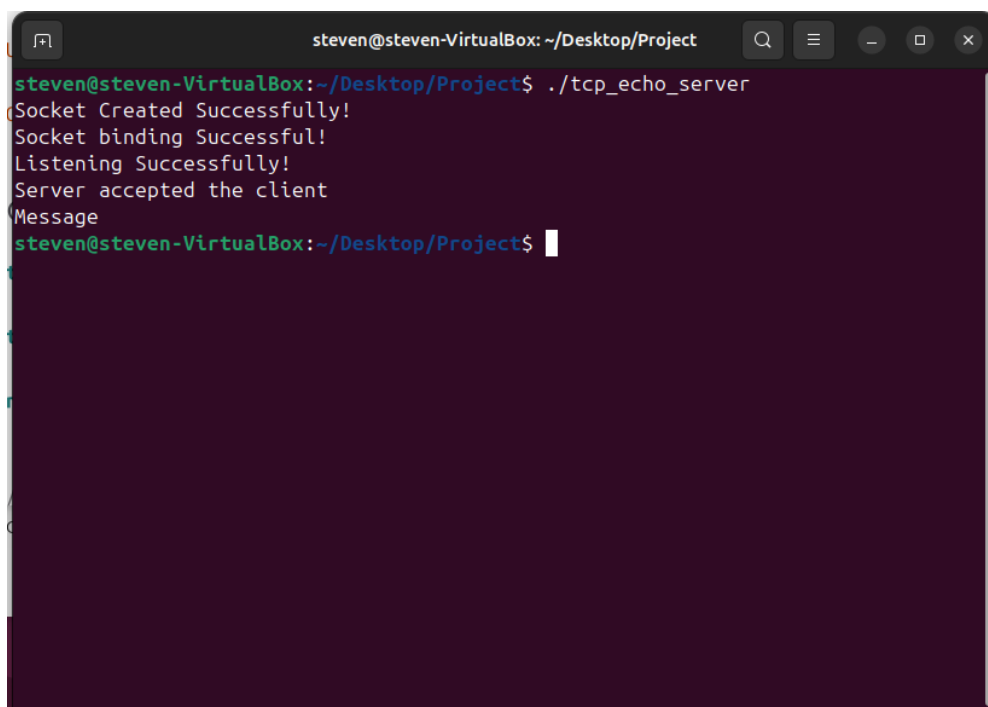
Screen Shots

Running tcp_echo_server program listening for a connection from the client program.



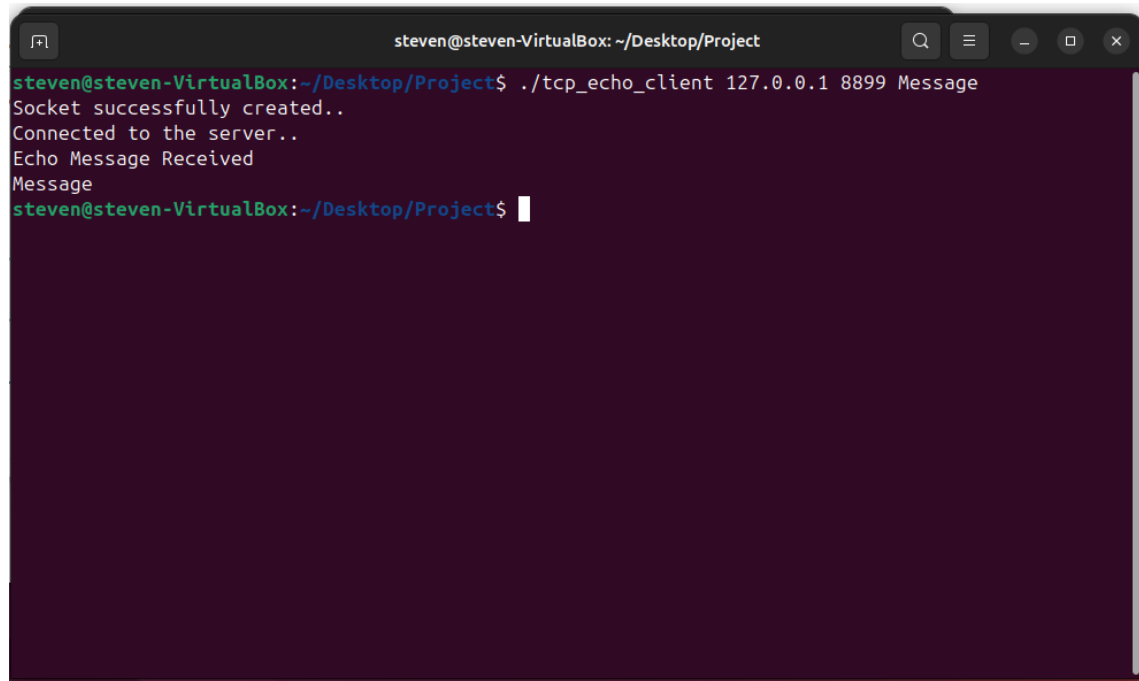
```
steven@steven-VirtualBox: ~/Desktop/Project
steven@steven-VirtualBox:~/Desktop/Project$ ./tcp_echo_server
Socket Created Successfully!
Socket binding Successful!
Listening Successfully!
```

Server program accepting the connection from the client, receiving the message, displays and echoes back the same message to the client.



```
steven@steven-VirtualBox: ~/Desktop/Project
steven@steven-VirtualBox:~/Desktop/Project$ ./tcp_echo_server
Socket Created Successfully!
Socket binding Successful!
Listening Successfully!
Server accepted the client
Message
steven@steven-VirtualBox:~/Desktop/Project$
```

Running Client Program that connects to the server program, sends the message to the server, and receives the echoed message back and displays.

A terminal window titled 'steven@steven-VirtualBox: ~/Desktop/Project' with standard window controls. The terminal shows the execution of a program named 'tcp_echo_client' with arguments '127.0.0.1 8899 Message'. The output consists of four lines: 'Socket successfully created..', 'Connected to the server..', 'Echo Message Received', and 'Message'. The prompt returns to the shell.

```
steven@steven-VirtualBox: ~/Desktop/Project
steven@steven-VirtualBox:~/Desktop/Project$ ./tcp_echo_client 127.0.0.1 8899 Message
Socket successfully created..
Connected to the server..
Echo Message Received
Message
steven@steven-VirtualBox:~/Desktop/Project$
```