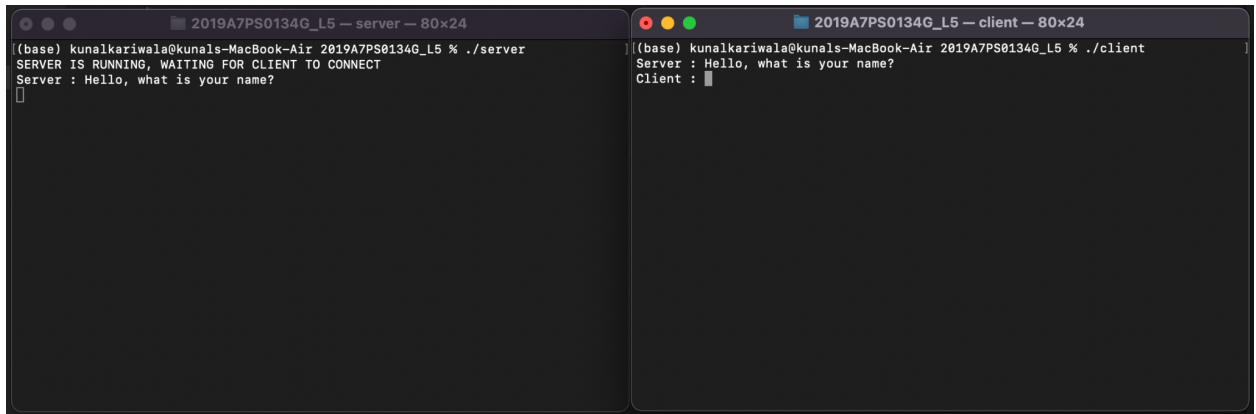


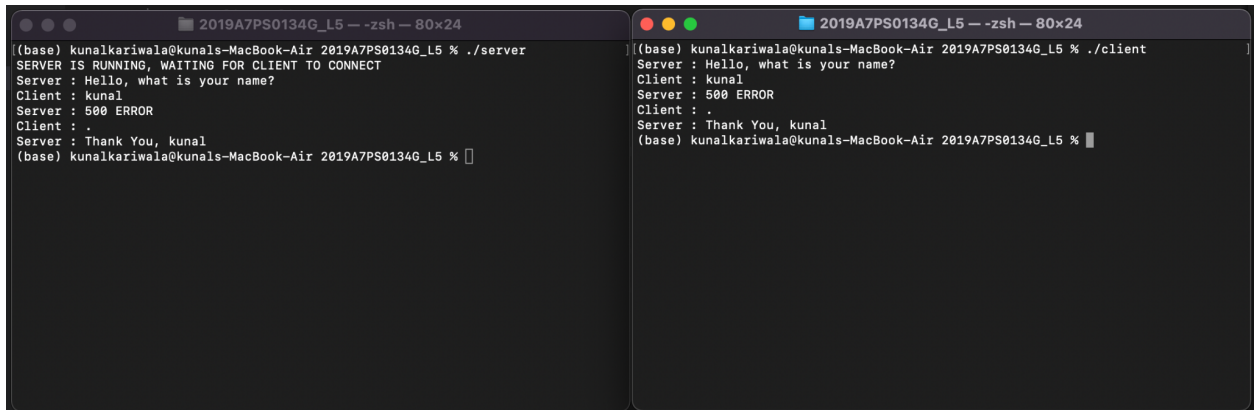
- A. client.c and server.c source code submitted in the zip file
- B. The server sends the hello message to the client



```
2019A7PS0134G_L5 - server - 80x24
((base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % ./server
SERVER IS RUNNING, WAITING FOR CLIENT TO CONNECT
Server : Hello, what is your name?
└─┘

2019A7PS0134G_L5 - client - 80x24
((base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % ./client
Server : Hello, what is your name?
Client : └─┘
```

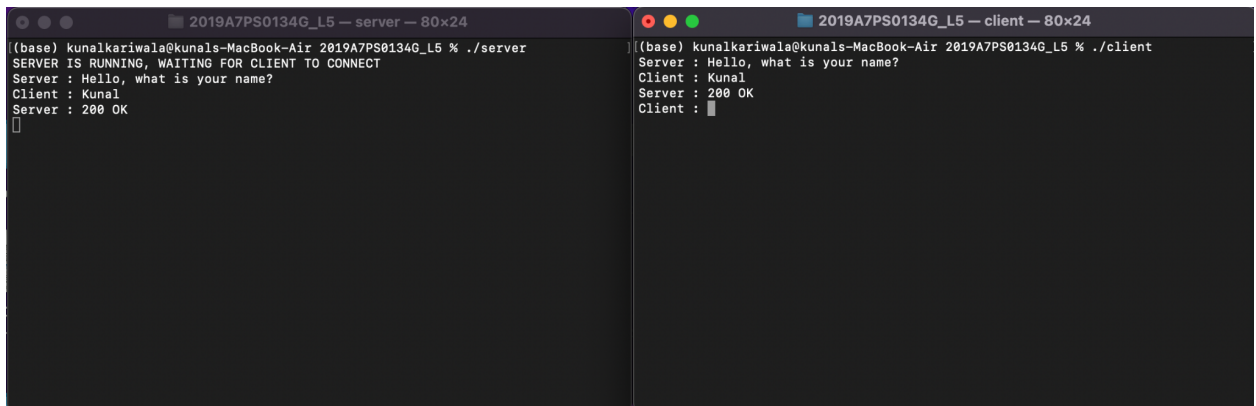
- C. CASE 1: Sends name with small case



```
2019A7PS0134G_L5 - zsh - 80x24
((base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % ./server
SERVER IS RUNNING, WAITING FOR CLIENT TO CONNECT
Server : Hello, what is your name?
Client : kunal
Server : 500 ERROR
Client : .
Server : Thank You, kunal
(base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % └─┘

2019A7PS0134G_L5 - zsh - 80x24
((base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % ./client
Server : Hello, what is your name?
Client : kunal
Server : 500 ERROR
Client : .
Server : Thank You, kunal
(base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % └─┘
```

CASE 2: Sends name with the first letter capital



```
2019A7PS0134G_L5 - server - 80x24
((base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % ./server
SERVER IS RUNNING, WAITING FOR CLIENT TO CONNECT
Server : Hello, what is your name?
Client : Kunal
Server : 200 OK
└─┘

2019A7PS0134G_L5 - client - 80x24
((base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % ./client
Server : Hello, what is your name?
Client : Kunal
Server : 200 OK
Client : └─┘
```

D. CASE 1: Client receives a 500 ERROR and terminates by sending a "."

```
2019A7PS0134G_L5 -- zsh -- 80x24
(base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % ./server
SERVER IS RUNNING, WAITING FOR CLIENT TO CONNECT
Server : Hello, what is your name?
Client : kunal
Server : 500 ERROR
Client : .
Server : Thank You, kunal
(base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 %

2019A7PS0134G_L5 -- zsh -- 80x24
(base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % ./client
Server : Hello, what is your name?
Client : kunal
Server : 500 ERROR
Client : .
Server : Thank You, kunal
(base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 %
```

CASE 2: Client receives a 200 OK and is allowed to send messages

```
2019A7PS0134G_L5 -- server -- 80x24
(base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % ./server
SERVER IS RUNNING, WAITING FOR CLIENT TO CONNECT
Server : Hello, what is your name?
Client : Kunal
Server : 200 OK
Client : YO! Thanks for accepting

```

```
2019A7PS0134G_L5 -- client -- 80x24
(base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % ./client
Server : Hello, what is your name?
Client : Kunal
Server : 200 OK
Client : YO! Thanks for accepting
Client :
```

E. Client is allowed to send continuous lines of messages to the server

```
2019A7PS0134G_L5 -- server -- 80x24
(base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % ./server
SERVER IS RUNNING, WAITING FOR CLIENT TO CONNECT
Server : Hello, what is your name?
Client : Kunal
Server : 200 OK
Client : YO! Thank you
Client : I am kunal
Client : dang this works
Client : I can type anything as long as it is within the max length
Client : =====
Client : okay
Client : thank you
Client : ,
Client : tried to trick you

```

```
2019A7PS0134G_L5 -- client -- 80x24
(base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % ./client
Server : Hello, what is your name?
Client : Kunal
Server : 200 OK
Client : YO! Thank you
Client : I am kunal
Client : dang this works
Client : I can type anything as long as it is within the max length
Client : =====
Client : okay
Client : thank you
Client : ,
Client : tried to trick you
Client :
```

F. Server sends Thank you message

```
2019A7PS0134G_L5 --zsh-- 80x24
(base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % ./server
SERVER IS RUNNING, WAITING FOR CLIENT TO CONNECT
Server : Hello, what is your name?
Client : Kunal
Server : 200 OK
Client : YO! Thank you
Client : I am kunal
Client : dang this works
Client : I can type anything as long as it is within the max length
Client : =====
Client : okay
Client : thank you
Client : ,
Client : tried to trick you
Client : .
Server : Thank You, Kunal
(base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 %

2019A7PS0134G_L5 --zsh-- 80x24
(base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 % ./client
Server : Hello, what is your name?
Client : Kunal
Server : 200 OK
Client : YO! Thank you
Client : I am kunal
Client : dang this works
Client : I can type anything as long as it is within the max length
Client : =====
Client : okay
Client : thank you
Client : ,
Client : tried to trick you
Client : .
Server : Thank You, Kunal
(base) kunalkariwala@kunals-MacBook-Air 2019A7PS0134G_L5 %
```