Client

```
(base) Alexs-MacBook-Pro-2:assignment_2 alexwu$ gcc client.c -o client
(base) Alexs-MacBook-Pro-2:assignment_2 alexwu$ ./client localhost 1234
Subscriber 0 with 5G
Sending access request to localhost port 1234 (attempt 1 of 3)
Server: Denied, subscriber does not exist on database.

Subscriber 4085546805 with 5G
Sending access request to localhost port 1234 (attempt 1 of 3)
Server: Denied, subscriber does not exist on database.

Subscriber 4086668821 with 3G
Sending access request to localhost port 1234 (attempt 1 of 3)
Server: Denied, subscriber has not paid.

Subscriber 4086808821 with 2G
Sending access request to localhost port 1234 (attempt 1 of 3)
Server: Access permitted.

(base) Alexs-MacBook-Pro-2:assignment_2 alexwu$
```

Server

```
(base) Alexs-MacBook-Pro-2:assignment_2 alexwu$ gcc server.c -o server
(base) Alexs-MacBook-Pro-2:assignment_2 alexwu$ ./server 1234

Server: Listening on port 1234...

Server: Access request received
Subscriber 0 with 5G
Server: Subscriber does not exist on database.

Server: Access request received
Subscriber 4085546805 with 5G
Server: Subscriber does not exist on database.

Server: Access request received
Subscriber 4086668821 with 3G
Server: Subscriber has not paid.

Server: Access request received
Subscriber 4086808821 with 2G
Server: Access permitted
```

Time out

```
(base) Alexs-MacBook-Pro-2:assignment_2 alexwu$ ./client localhost 1234
Subscriber 0 with 5G
Sending access request to localhost port 1234 (attempt 1 of 3)
Server no response.
Subscriber 0 with 5G
Sending access request to localhost port 1234 (attempt 2 of 3)
Server no response.
Subscriber 0 with 5G
Sending access request to localhost port 1234 (attempt 3 of 3)
Server no response.

Server does not respond.
(base) Alexs-MacBook-Pro-2:assignment_2 alexwu$
```