How is the file structured?

This zip file contains two folders:

    client

    server

There are three source file and one exe file in each of them:

    client

        ClientHelper.c

        ClientHelper.h

        udpClient2.c

        a.out

    server

        ServerHelper.c

        ServerHelper.h

        udpServer2.c

        a.out

udpClient2.c and udpServer2.c contain main function.

How to compile files?

Open two terminals, one is for server, the other is for client.

    gcc udpServer2.c ServerHelper.c

    gcc udpClient2.c ClientHelper.c

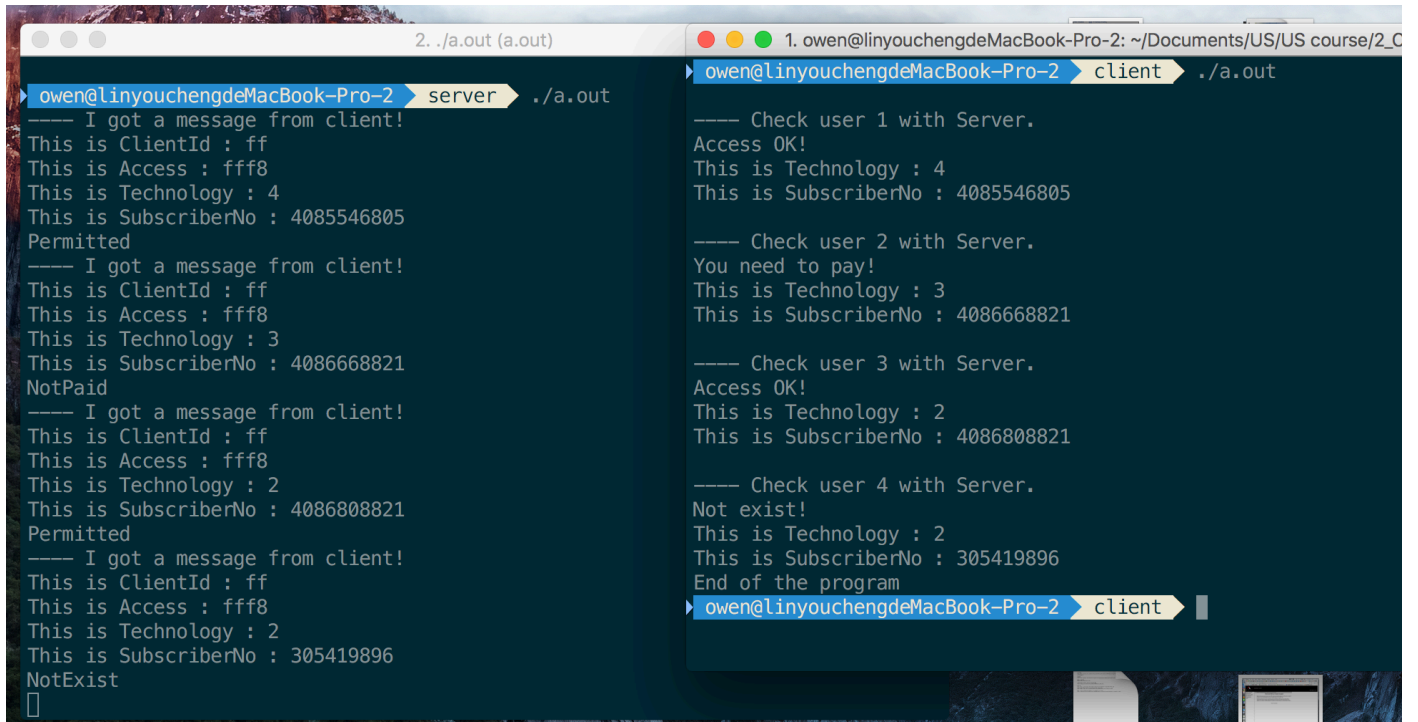## How to run the file?

Run server program first, then client program.

    (in server folder terminal) ./a.out

    (in client folder terminal) ./a.out

Test result:

All the cases


```
2. ./a.out (a.out)

owen@linyouchengdeMacBook-Pro-2 > server > ./a.out
---- I got a message from client!
This is ClientId : ff
This is Access : fff8
This is Technology : 4
This is SubscriberNo : 4085546805
Permitted
---- I got a message from client!
This is ClientId : ff
This is Access : fff8
This is Technology : 3
This is SubscriberNo : 4086668821
NotPaid
---- I got a message from client!
This is ClientId : ff
This is Access : fff8
This is Technology : 2
This is SubscriberNo : 4086808821
Permitted
---- I got a message from client!
This is ClientId : ff
This is Access : fff8
This is Technology : 2
This is SubscriberNo : 305419896
NotExist
```

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1. owen@linyouchengdeMacBook-Pro-2: ~/Documents/US/US course/2_C

owen@linyouchengdeMacBook-Pro-2 > client > ./a.out
---- Check user 1 with Server.
Access OK!
This is Technology : 4
This is SubscriberNo : 4085546805

---- Check user 2 with Server.
You need to pay!
This is Technology : 3
This is SubscriberNo : 4086668821

---- Check user 3 with Server.
Access OK!
This is Technology : 2
This is SubscriberNo : 4086808821

---- Check user 4 with Server.
Not exist!
This is Technology : 2
This is SubscriberNo : 305419896
End of the program
owen@linyouchengdeMacBook-Pro-2 > client >
```