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
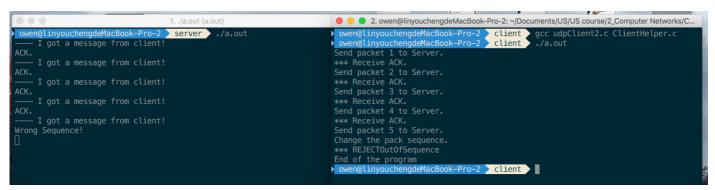
Test result:

This is for ACK case.

Server does not respond.

This is for the received packet at server that is not in sequence.

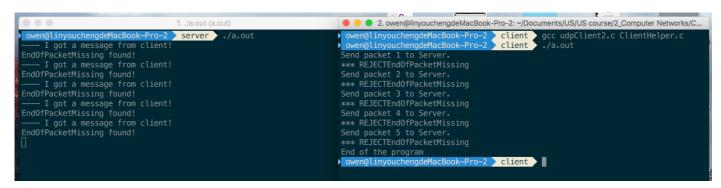udpClient2.c – line 60 uncomment

This is the length mismatch.

ClientHelper.c – line 134 comment out, 133 uncomment

Missing end identifier.

ClientHelper.c – line 143 comment out

Duplicate packet.

udpClient2.c – line 66 uncomment