

Project Two: TCP Sender/Receiver

Done by: Mohammed Arham (maj596) and Muhammad Areeb (maa1150)

The program was written and compiled on Catalina Mac OS using GCC compiler. If you want to compile this on mac then please remove -lpthread from the makefile, if you want to run it on linux then keep the -lpthread command.

Instructions To Run the Program

Download the zip file.

Use a terminal to change directory to the folder with all the files.

Run 'make' in terminal. Now a folder called 'obj' should be created in the root directory.

Now open another terminal and cd to the 'obj' folder and run the receiver.exe file first. The program requires you to run the receiver first and only then run the sender.exe file in separate terminal window.

An example: in terminal one, you cd to the root folder, and type ./obj/rdt_reciever anyPortYouWant whateverNameYouGiveForReceivedFile.anyExtension

```
./rdt_receiver 9000 finalReceived.pdf
```

in terminal two, you would be in the obj folder, and type ./rdt_sender yourIPadress anyPortYouWant anyFileInObjFolder.anyExtension

```
./rdt_sender 10.225.123.132 9000 final.pdf
```

NOTE: the anyPortYouWant number should be the same