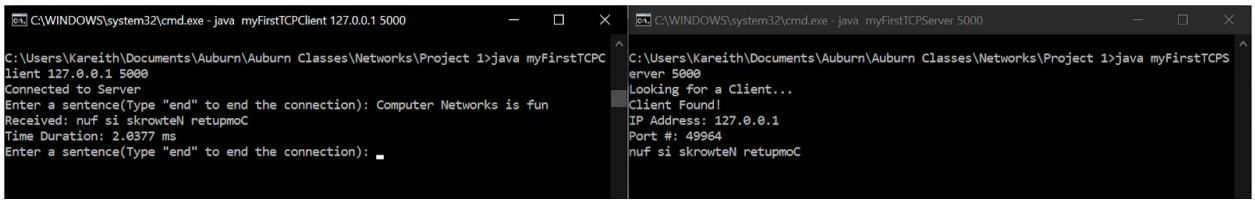
Programing Report 1

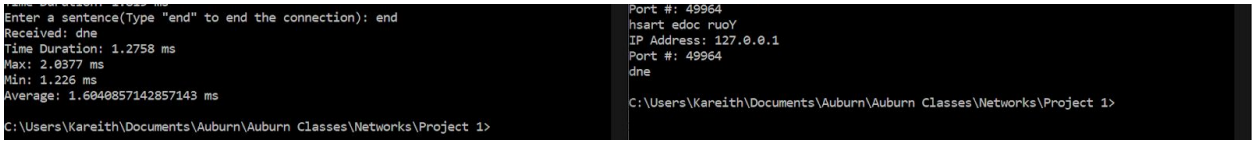
TCP

All programs work as intended. To run the TCP server you first run javac myFirstTCPServer.java and then run java myFirstTCPServer [port]. The port I used was 5000. Then you need to run the TCP client. To do this you must run javac myFirstTCPClient.java in another cmd window. Then you must run java myFirstTCPServer [hostname/ip] [port]. I used 127.0.0.1 for my host and again 5000 for my port.

When entering the sentence “Computer Networks is fun.” We get this output:



After entering more sentences and the entering “end we get this:



UDP Report

After running 10 attempts the minimum round trip time was 0 ms. The maximum round trip time was 1 ms. The average round trip time was .4 ms.

My programs work.

To compile my programs I used: javac myFirstUDPServer.java and javac myFirstUDPClient.java

To run my Server I used: java myFirstUDPServer 5000

To run my Client I used: java myFirstUDPClient localhost 5000