Comp 4320 - Lab 1

Due: 9/23/14

Group ID: 15

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**REPORT**

CODE STATUS: **WORKING**

Compile Instructions:

The easiest way to compile all files is to run "compile\_all.cmd" by typing:

./compile\_all.cmd

Note: if you do not have run permissions, you may have to type:

chmod 775 compile\_all.cmd

If you want to compile the programs individually, you can do so by typing the following:

javac ClientUDP.java

cc -o ServerUDP.exe ServerUDP.c

cc -o ClientTCP.exe ClientTCP.c

javac ServerTCP.java

Run Instructions:

To run the UDP server/client type:

./ServerUDP.exe “server” [PORT NUMBER]

java ClientUDP “client” [HOST NAME] [PORT NUMBER] [OPERATION] [MESSAGE]

Example:

./ServerUDP.exe server 10025

java ClientUDP client 127.0.0.1 10025 170 ThisIsATest

To run the TCP server/client type:

java ServerTCP “server” [PORT NUMBER]

./ClientTCP.exe “client” [HOST NAME] [PORT NUMBER] [OPERATION] [MESSAGE]

Example:

java ServerTCP server 10025

./ClientTCP.exe client 127.0.0.1 10025 170 ThisIsATest

Known Bugs:

1. Parameter checking is not polished.