

## CS 3873: Net-Centric Computing

### Lab 4: Basic Socket Programming

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**[Mandatory]** Declaration: "I warrant that this is my own work."

Signed by \_\_Adrian Freeman\_\_

[Optional] "I hereby give my permission for this work to be used (with my name and identifying information removed) for UNB Faculty of Computer Science program accreditation purposes."

Signed by \_\_Adrian Freeman\_\_

## Report for Lab Exercise 4: Basic Socket Programming

### LAB ACTIVITIES:

In this lab, a client and a server are written in Java to implement a simple Q&A application with TCP sockets.

### PROGRAM SOLUTION:

Please submit all your Java files to the D2L dropbox. It will be 0 points without the Java source files.

### PROGRAM RUNNING INSTRUCTIONS:

Please compile and run the uploaded Java programs using the following commands:

(give the commands to compile and run your programs, and other instructions if any)

```
javac tcpCalculatorClient.java
```

```
javac tcpCalculatorServer.java
```

```
scp /path/*.java <username>@<hostname>:~
```

```
ssh -L 6789:localhost:6789 <username>@<hostname>.cs.unb.ca
```

from ssh:

```
java tcpCalculatorServer
```

from local:

```
java tcpCalculatorClient localhost
```

### MARKING FEEDBACK:

Please leave this section blank for marking feedback to your code.

