

Group 12 Lab 3 Report

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Our lab works as intended and follows the guidelines set by the lab specifications.

To compile Server.java:
`javac Server.java` (this will generate the class file)

To compile Client.c
`cc Client.c -o client`

In order to run the server:
`java Server portNum`, where `portNum` is the port on which the server is accepting requests. [To run your server, set `portNum` to \$10010 + 5 * \text{GID}_{\(\text{server}\)}\$.](#)

In order to run the client:
`./client serverName serverPort myPort`, where the `serverName` is the server hostname, `serverPort` is the port where the server is running on the host, and `myPort` is the TCP port where the client is willing to chat.

myPort must be in the range $[10010 + 5 * \text{GID}_{(\text{client})}, 10010 + 5 * \text{GID}_{(\text{client})} + 4]$

When this is done once the client will be designated as waiting to chat. On a subsequent run, the client will be assigned a chat partner and chatting will ensue until the client sends the message `Bye Bye Birdie` to terminate execution.