HOW TO: Running Instructions (Hosting Server)

How to steps 🙂

1. Make sure you have java installed, the latest version on both computers that will run the program

    a. you can check by opening command prompt/terminal and typing java -version

2. Find the IP_address of the computer you want to run the server on

    a. type in *ipconfig* into the command prompt/terminal - your IP address will be listed under "IPv4 Address" - 192.168.39.156

    b. For Macs: Go into Settings → Wi-Fi → Details of your wifi conection → IP Address

    c. Save your ip address! You'll need it later

3. Download the project folder from git!

    a. download the whole zip, or if you already have eclipse/git connected, pull it

4. Open the ChatClient.java file

```
1   public static void main(String[] args) {
2         String serverAddress = "69.43.112.13"; //Change this to the ip_address of the computer running the
    server
3         int serverPort = 5000;
4         new ChatClient(serverAddress, serverPort); //localhost/server. for testing, don't mess with the IP
    address, but port can basically be whatever as long as it matches the one in ChatServer.java
5     }
```

    a. change the String serverAddress to the ip-address of the computer you want to run the server on.

5. Go back to your command prompt/terminal and cd into the files, should end with: /congenial-spoon-main\Chatsite\src

6. Recompile the files

    a. javac -source 1.8 -target 1.8 app/*.java

7. Open the server

    a. java app.ChatServer

8. Now switch to the other computer you want to use to chat with!

    a. make sure you are using the same updated files with the correct ip address of the other computer

9. Compile the files

    a. javac -source 1.8 -target 1.8 app/*.java

10. Open the Client Chat

    a. java app.ChatClient

    b. enter the username and start chatting!!