Spring 2020

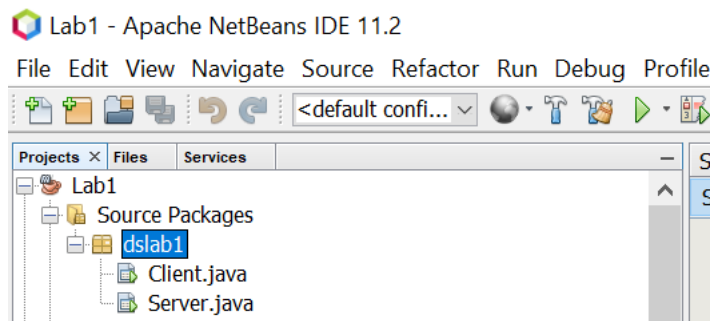**CSE-5306-001 – Distributed Systems**

Homework Assignment 1

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Instruction to run:

1. Open the project in NetBeans IDE. This is the IDE I used.

2. Right click on the project and 'Clean and Build' whenever required.

3. Go to Source Packages and check for package dslab1. You will find two files, Client.java and Server.java
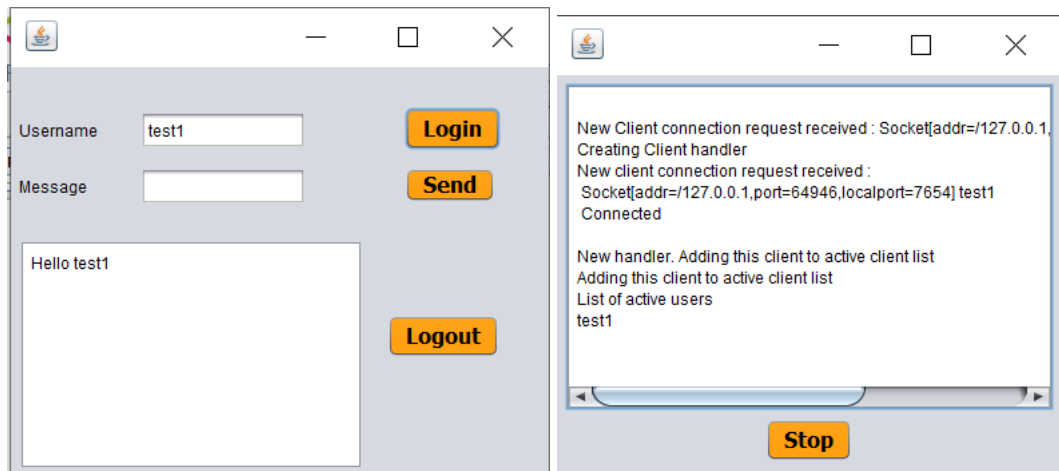

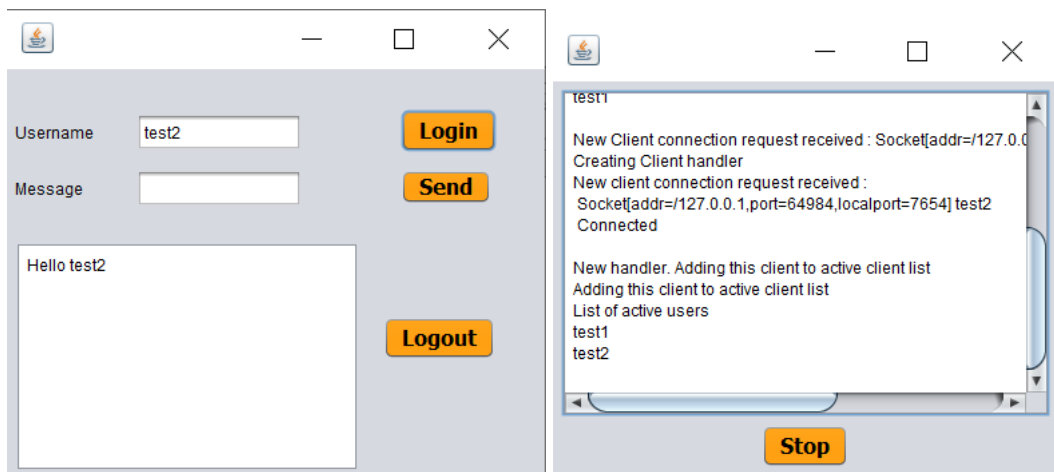4. Run the Server.java file first. You will get a GUI pop up of the Server.
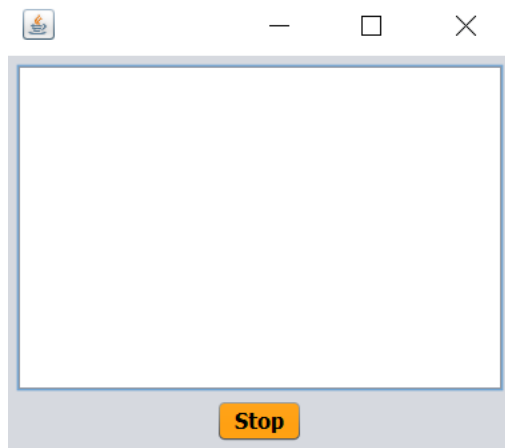
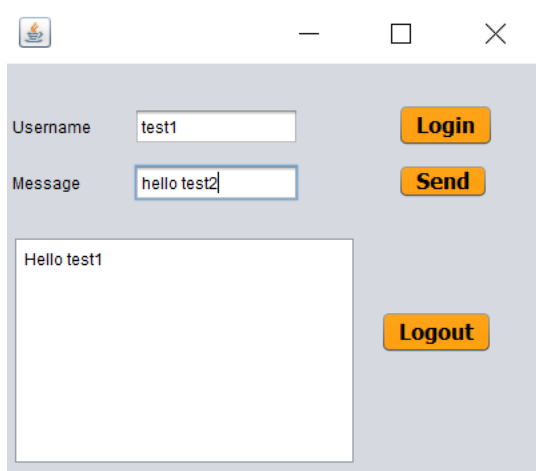5. Run Client.java once. You will get a GUI pop up of the Client.
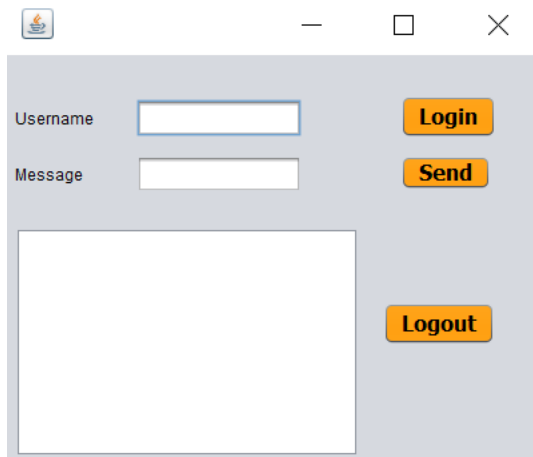
6. Enter the Client Name.

7. Now run the Client.java file again and enter another Client Name.

8. We can send a 1-1 message between these two clients. Write a message from one client and click the 'Send' button. This will prompt you to enter the delivery option. Click 1-to-1. When 1-to-1 is clicked it prompts you to enter the Client Name you want to send this message. After entering the Client Name, the message is sent.
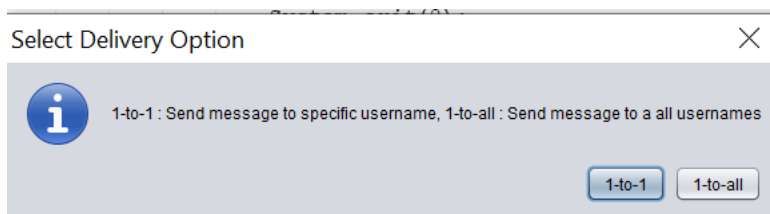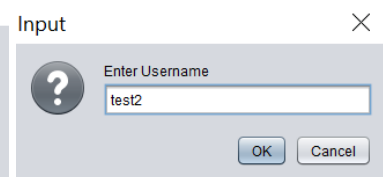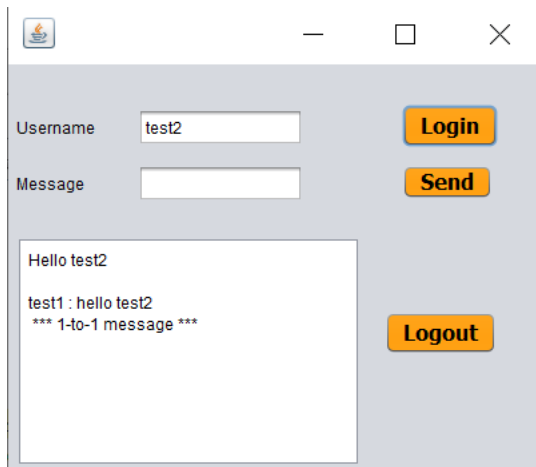
9. Run the Client.java file the third time and follow similar procedure as mentioned before. Click 1-to-all to send messages to all three clients.
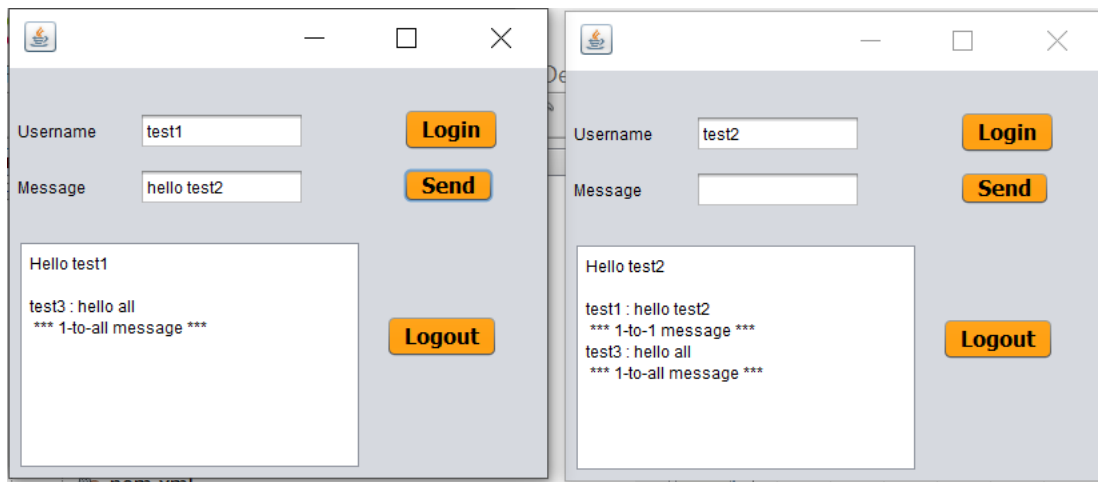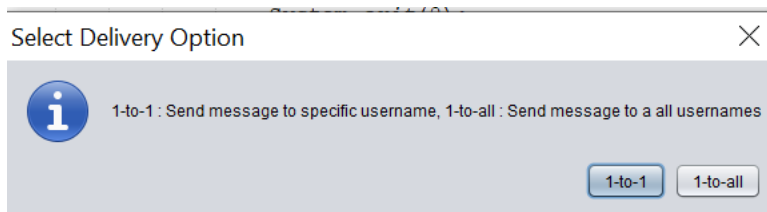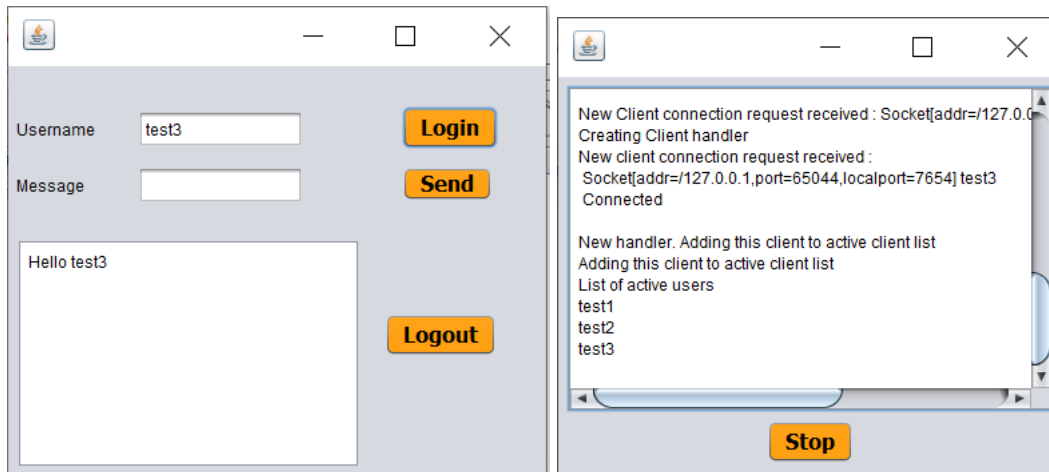
10. We may disconnect the clients using the 'Logout' button and Stop the server using 'stop' button.