**DSLAB 1- WRITEUP**

**Steps to run the Code.**

--Using NetBeans IDE8.2

-In Projects explorer :

1.Expand Source Packages-> Expand dslab1 package ->Right click on ChatSever.java ->Click on Run File.

2.Then Right click on ChatClient.java file and click on run file.

**Assumptions:**

1.Server is always executed before client.

2.Client can logout with “logout” typed in clients text area.

3.Hardcoded HTTP formats for messages (GET/POST method) referring the James ,Marshall file.

**Note:**

File does not get explicitly created with the code supplied with project material. The chat.txt file is present in DSLab1 folder. Open the chat.txt file in wordpad or notepad++ to visualize the proper indentations.

**References:-**

1. “How to Append Text to an Existing File in Java?” *Recalll*, recalll.co/ask/v/topic/How-to-append-text-to-an-existing-file-in-Java/59f8df3a1126f45d1f8b5ebc.

2. Marshall, James. “HTTP Made Really Easy .” *HTTP Made Really Easy*, 10 Dec. 2012, www.jmarshall.com/easy/http/.

3.Mkyong. “How to Calculate Date and Time Difference in Java.” *How to Calculate Date and Time Difference in Java*, 25 Jan. 2013, [www.mkyong.com/java/how-to-calculate-date-time-difference-in-java/](http://www.mkyong.com/java/how-to-calculate-date-time-difference-in-java/).

4. Mahrsee, Rishabh. “Multi-Threaded Chat Application in Java | Set 1 (Server Side Programming).” *GeeksforGeeks*, 17 June 2017, [www.geeksforgeeks.org/multi-threaded-chat-application-set-1/](http://www.geeksforgeeks.org/multi-threaded-chat-application-set-1/).

5. Mahrsee, Rishabh. “Multi-Threaded Chat Application in Java | Set 2 (Client Side Programming).” *GeeksforGeeks*, 17 June 2017, [www.geeksforgeeks.org/multi-threaded-chat-application-set-2/](http://www.geeksforgeeks.org/multi-threaded-chat-application-set-2/).

6. R, Hannes. “Getting Date in HTTP Format in Java.” *Stack Overflow*, 27 Jan. 2015, 8:13, stackoverflow.com/questions/7707555/getting-date-in-http-format-in-java.