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WRITE UP

FOR EXCECUTION

STEPS TO EXECUTE:

REQUIREMENTS:

1)NETBEANS TO RUN THE PROGRAM AS IT IS MADE USING THE GUI PROVIDED BY NETBEANS

2)JDK 1.8

3)ONCE WE OPEN NETBEANS AND IMPORT THE FILE, WE CAN SEE THE PACKAGE UNDER “CLIENT” FILE WHICH IS THE NAME OF THE FILE.

4)THEN WE CAN SEE THE PACKAGE UNDER “SERVER” FILE WHICH IS THE NAME OF THE SERVER FILE

4)WHEN WE DOUBLE CLICK ON ANY FORM (ex CLIENT1,SERVER\_FRAME,CLIENT2,CLIENT3) WE WILL SEE TWO TABS SOURCE AND DESIGN

5)CLICK ON DESIGN TO SEE THE UI AND SOURCE TO SEE THE CODE

6)THE JAVA CODE OF FILES UNDER COMPONENTS CAN BE SEEN DIRECTLY ONCE WE DOUBLE CLICK THE FILE

STEPS:

SERVER:

1)RIGHT CLICK THE SERVER\_FRAME AND CLICK "RUN FILE" TO DISPLAY THE SERVER

WINDOW

2)CLICK THE "START SERVER" BUTTON TO START THE SERVER

3)THE PORT NUMBER USED IS 2222

CLIENT1:

1)RIGHT CLICK ON THE "CLIENT1" CLASS AND CLICK RUN FILE

2)A POP WILL COME TO "ENTER USERNAME" CLICK OK

3)ENTER THE USER NAME TO VERIFY

CLIENT2

1)RIGHT CLICK ON THE "CLIENT2" CLASS AND CLICK RUN FILE

2)A POP WILL COME TO "ENTER USERNAME"

3)ENTER THE USER NAME TO VERIFY

CLIENT3

1)RIGHT CLICK ON THE "CLIENT3" CLASS AND CLICK RUN FILE

2)A POP WILL COME TO "ENTER USERNAME"

3)ENTER THE USER NAME TO VERIFY

DELETION:

7) Folders to be created according to the source and destination paths defined in the code

Which is C:/Users/User/Desktop/client3, C:/Users/User/Desktop/client2, C:/Users/User/Desktop/client1

, C:/Users/User/Desktop/server

8) OPEN THE CLIENT1 FOLDER AND ADD FILE INTO THE FOLDER

9CLICK OK, FILES WILL BE OBSERVED IN THE STATUS BAR

9)NOW DELETE THE FILE FROM THE FOLDER

10)WE OBSERVE THAT AFTER SOME SECS THEY WILL BE TWO POP UPS OF VOTING FROM DIFFERENT CLIENTS, CLICK OKAY, AFTER SOME SECS THERE WILL BE A DECISION MADE BASED ON THE VOTING AND THEN FILE BE DELETED OR ADDED BACK BASED ON THE VOTING DECISION.

EXIT CONDITION VERIFICATION:

1)EXIT ANY OF THE CLIENTS

2)THE CLIENT WE EXIT WILL BE OUT

3)THEN CLICK ONLINE UESRS TO SEE THE CONNECTED USERS

CITATIONS:

\* https://www.youtube.com/watch?v=DvE\_Jw8Upn0

\* https://www.javacodegeeks.com/2015/09/introduction-to-threads-and-concurrency.html

\* https://javapapers.com/core-java/monitor-a-folder-using-java/

\* https://www.javatpoint.com/java-joptionpane

\* http://www.coderpanda.com/java-socket-programming-file-transfer-through-socket-in-java/

\* http://www.codebind.com/java-tutorials/java-io-get-file-name-file-path/

\* https://www.dev2qa.com/java-move-files-between-directories/

\* https://howtodoinjava.com/java/io/how-to-check-if-file-exists-in-java/

\* https://dzone.com/articles/java-thread-tutorial-creating-threads-and-multithr

\* https://stackoverflow.com/questions/2213340/what-is-a-daemon-thread-in-java

\* https://www.geeksforgeeks.org/introducing-threads-socket-programming-java/

\* https://www.youtube.com/watch?v=WeaB8pAGlDw

\* https://www.youtube.com/watch?v=Zba6C9IwHzs

\* https://dzone.com/articles/java-thread-tutorial-creating-threads-and-multithr

\* https://www.geeksforgeeks.org/multi-threaded-chat-application-set-1/

\* https://www.geeksforgeeks.org/introducing-threads-socket-programming-java/

\* <https://www.tutorialspoint.com/javaexamples/file_copy.htm>

\* <https://docs.oracle.com/javase/tutorial/essential/io/notification.html>

\* <https://www.youtube.com/watch?v=hZgntu7889Q>

\* <https://drive.google.com/drive/folders/0B4fPeBZJ1d19WkR3blE4ZVNTams>

\* <https://howtodoinjava.com/java/io/4-ways-to-copy-files-in-java/>

\* <https://www.geeksforgeeks.org/delete-file-using-java/>