

## Description

This Java program is a chat application that allows two users to exchange text messages and files over a socket connection.

## How to run the program

1. Compile the program using the "javac chat.java" command.
2. Run the program for the first user, Ujwala, using "java chat".
3. Note the port number (X) displayed by the main thread.
4. Run the program for the second user, Nikhil, using "java chat".
5. Note the port number (Y), which must be different from X, displayed by the main thread.
6. In Ujwala's console window, type Y to connect to Nikhil's port Y and establish a connection for Ujwala to write to Nikhil.
7. In Nikhil's console window, type X to connect to Ujwala's port X and establish a connection for Nikhil to write to Ujwala.
8. Type a message in Ujwala's console window, and it should appear in Nikhil's window.
9. Type a message in Nikhil's console window, and it should appear in Ujwala's window.
10. To transfer a file from Ujwala to Nikhil, type "transfer filename" in Ujwala's console window, replacing "filename" with the actual file name to be transferred. The file will be sent over the connection to Nikhil.