package Client;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.io.\*;

import java.net.\*;

public class Client {

ChatboxView view;

String username;

String status;

Socket socket;

DataInputStream input;

DataOutputStream output;

public Client(String username) {

this.username = username;

view = new ChatboxView();

view.setTitle(username);

// Add function to button

view.addSendListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

try {

// Send message to server

String messageSent = view.getText();

if (messageSent != null && messageSent.length() != 0) {

output.writeUTF(messageSent);

output.flush();

view.clearTextField();

}

}

catch (IOException ex) { System.out.println(ex.getMessage()); }

}});

try {

socket = new Socket("localhost", 2000);

// Send and receive data

input = new DataInputStream(socket.getInputStream());

output = new DataOutputStream(socket.getOutputStream());

// Receive message from server

while (true) {

String messageReceived = input.readUTF();

if (messageReceived != null && messageReceived.length() != 0)

view.updateText(messageReceived);

}

}

catch (IOException ex) { System.out.println(ex.getMessage()); }

catch (NullPointerException ex) { System.out.println(ex.getMessage());}

}

public static void main(String[] args) {

new Client("Mai");

}

}