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<https://github.com/Kenjum/CS380-P1>

ChatClient.java

```
import java.io.InputStream;
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.io.OutputStream;
import java.io.PrintStream;
import java.net.Socket;
import java.util.Random;
import java.util.Scanner;

public final class ChatClient {

    public static void main(String[] args) throws Exception {
        Scanner sc = new Scanner(System.in);
        Socket socket = new Socket("18.221.102.182", 38001);

        InputStream is = socket.getInputStream();
        InputStreamReader isr = new InputStreamReader(is, "UTF-8");
        BufferedReader br = new BufferedReader(isr);

        Runnable read = () -> {
            String line = "";

            try {
                while (true) {
                    line = br.readLine();
                    if (line != null) {
                        System.out.println(line);
                    }
                }
            } catch (IOException e1) {
                e1.printStackTrace();
            }
        };

        String address = socket.getInetAddress().getHostAddress();
        OutputStream os = socket.getOutputStream();
        PrintStream out = new PrintStream(os, true, "UTF-8");

        Runnable write = () -> {
            while (true) {
```

```

        try {
            Thread.sleep(5);
        } catch (InterruptedException e) {
            e.printStackTrace();
        }
        String userInput = sc.nextLine();
        if(userInput.equals("exit")){
            System.exit(0);
        }
        out.printf("%s%n", userInput);
    }

};

Thread readThread = new Thread(read);
Thread writeThread = new Thread(write);
readThread.start();
writeThread.start();
}
}

```