**public class TCPClient {**

**static Socket sc;**

**public static void main(String[] args) {**

**try {**

**InetAddress host = InetAddress.getLocalHost();**

**sc = new Socket(host, 1234);**

**Scanner fromServer = new Scanner(sc.getInputStream());**

**PrintWriter toServer = new PrintWriter(sc.getOutputStream(),true);**

**Scanner userEntry = new Scanner(System.in);**

**String msg;**

**do {**

**System.out.println("Please enter msg");**

**msg = userEntry.next();**

**toServer.println(msg);**

**String response = fromServer.nextLine();**

**System.out.println("Server>" + response);**

**} while (!msg.equals("close"));**

**} catch (IOException ex) {**

**System.out.println(ex.getMessage());**

**} finally {**

**try {**

**sc.close();**

**} catch (IOException ex) {**

**System.out.print(ex.getMessage());**

**}**

**}**

**}**

**}**

**public class TCPServer {**

**static Socket link;**

**public static void main(String[] args) {**

**do {**

**try {**

**ServerSocket serv = new ServerSocket(1234);**

**link = serv.accept();**

**Scanner fromClient = new Scanner(link.getInputStream());**

**PrintWriter toClient = new PrintWriter(link.getOutputStream(), true);**

**String msg = fromClient.nextLine();**

**while (!msg.equals("close")) {**

**toClient.println(msg + "is received");**

**msg = fromClient.nextLine();**

**}**

**toClient.println("Bye-Bye");**

**} catch (IOException ex) {**

**System.out.println(ex.getMessage());**

**} finally {**

**try {**

**link.close();**

**} catch (IOException ex) {**

**System.out.println(ex.getMessage());**

**}**

**}**

**} while (true);**

**}**

**}**