|  |  |  |
| --- | --- | --- |
| 学号：201800301038 | 姓名：宋佳慧 | 班级： 软件2018.3班 |
| 实验题目：chatone | | |
| 首先用手机连接电脑的移动热点，    打开命令行查询ip地址    客户端类：  **new** Thread(**new** Runnable() {   @Override  **public void** run() {  **try** {  **socket** = **new** Socket(**"192.168.137.1"**, 4000);   *//向服务器发送数据* PrintWriter send = **new** PrintWriter(**new** BufferedWriter(**new** OutputStreamWriter(**socket**.getOutputStream(),**"utf-8"**)));  send.println(**sendMesg**);   send.flush();   *//接受服务端数据* BufferedReader recv = **new** BufferedReader(**new** InputStreamReader(**socket**.getInputStream()));  **recvMsg** += recv.readLine()+**"\n"**;  **if** (**recvMsg** != **null**) {  **tv**.setText(**"接受到服务器:"**+**recvMsg**);  } **else** {}   send.close();  recv.close();  **socket**.close();  } **catch** (Exception ex) {  ex.printStackTrace();  }  }   }).start();  }  为发送按钮注册监听，点击后开启线程发送数据和接收数据。  服务器线程类：（使用Java实现）  public void run() {  try {  @SuppressWarnings("resource")  ServerSocket serverSocket = new ServerSocket(4000);  System.*out*.println("对话开始");  while (true) {  Socket client = serverSocket.accept();  try {  //接收客户端的数据  BufferedReader in = new BufferedReader(new InputStreamReader(client.getInputStream(),"utf-8"));  String str = in.readLine();  System.*out*.println("接收到客户端:" + str);  BufferedReader br = new BufferedReader(new InputStreamReader(System.*in*));  System.*out*.print("请发送消息：");  //从控制台读取一行数据，返回值字符串  strsend = br.readLine();  //返回数据给客户端  PrintWriter pout = new PrintWriter(new OutputStreamWriter(client.getOutputStream(), "utf-8"));  if(strsend!=null)  pout.println(strsend);  pout.close();  in.close();  } catch (Exception e) {  System.*out*.println(e.getMessage());  e.printStackTrace();  } finally {  client.close();  }  }  } catch (Exception e) {  System.*out*.println(e.getMessage());  }  实现效果：    Screenshot_20200827-021023_chatone | | |