```java
1 package tellscopeV4;
2
3 import java.net.*;
4
5
6
7 public class ClientListeningThread implements Runnable{
8
9     //default constructor
10    public ClientListeningThread(Socket socket)
11    {
12        this.s = socket;
13
14    }
15
16    //socket for incoming data from the client
17    private Socket s;
18    private static Scanner in;
19
20
21    //private static int inputCount = 0;
22
23
24    public void run() {
25
26        String server = s.getInetAddress().toString();
27        System.out.println("Connected to " + server);
28
29        try
30        {
31            //create new scanner object and set it to get input stream from socket
32            in = new Scanner(s.getInputStream());
33
34
35
36            // loop to test if the socket input reads "result"
37
38            while(true)
39            {
40                //store next line in "input" string
41                String input = in.nextLine();
42                //check for equality with string "calculate"
43                if(input.equalsIgnoreCase("result"))
44                {
45
46
47                    //print results to console
48                    TellScopeGui04.printResults();
49
50                    //copy results from array list to array
51                    TellScopeGui04.copyResults();
52
53                    //once results have been copied to the array, clear the array list
54                    TellScopeGui04.results.clear();
55
56                    //set the results in the correct text fields
57                    TellScopeGui04.setResults();
58
59
60                    break;
61                }
62
63
64
65                else
66                {
67                    TellScopeGui04.results.add(input);
68
69
70
71                }
72
73            }
74
75        }
76        catch(Exception e)
77        {
78            //do nothing
79        }
80
81
82    }//end run
83
84
85
86  }//end client listening thread class
87
88
89
```