

```
1 package exel;
2
3 import java.io.BufferedReader;
4 import java.io.IOException;
5 import java.io.InputStream;
6 import java.io.InputStreamReader;
7 import java.io.PrintWriter;
8 import java.net.Socket;
9 import java.util.Scanner;
10
11
12
13 public class Client {
14
15     /**
16      * @param args the command line arguments
17      * @throws java.io.IOException
18      */
19     public static void main(String[] args) throws IOException {
20         Double x ;
21         Double y ;
22         try {
23             try (Scanner scan = new Scanner(System.in)) {
24                 Socket s ;
25                 s= new Socket("localhost",1234) ;
26                 System.out.println("connexion au serveur effectue !");
27                 //connecter au server localhost avec le port 1234
28
29
30                 PrintWriter pw ;
31                 pw = new PrintWriter(s.getOutputStream());
32                 System.out.println("donner x : ");
33
34
35                 x = scan.nextDouble();
36                 scan.nextLine();
37                 pw.println(x);
38                 pw.flush();
39                 System.out.println("l envoi de x est termine !");
40
41
42
43                 System.out.println("donner operation: ");
44                 String op;
45                 op = scan.nextLine();
46                 pw.println(op);
47                 pw.flush();
48                 System.out.println("l envoi de operation est termine !");
49
50
51                 System.out.println("donner y : ");
52                 y = scan.nextDouble();
53                 pw.println(y);
54                 pw.flush();
55                 System.out.println("l envoi de y est termine !");
56
57
58                 //resevoir la resultat
59
```

```
60     InputStream is = s.getInputStream();
61     BufferedReader br = new BufferedReader(new InputStreamReader(is)) ;
62     System.out.println(br.readLine());
63
64
65
66
67
68
69
70
71     s.close();
72 }
73     System.out.println("connection est termine !");
74 }catch(IOException e){
75     System.out.println("il ya un probleme au niveau client");
76 }
77
78
79
80
81 }
82
83 }
```