

```
1  import java.rmi.*;
2  import java.net.*;
3  public class Client {
4      /**
5       * only if the server&client are on the same host,the HOST_NAME must be
6       * localhost.
7       */
8      private static final String HOST_NAME = "localhost";
9      private static final int port = 1099;
10     private static String remote_object = "Adder";
11     public static void main(String...args){
12         try{
13             Adder adder =
14             (Adder)Naming.lookup("rmi://" + HOST_NAME + ":" + port + "/" + remote_object);
15             Thread t = new Thread(new Runnable(){
16                 @Override
17                 public void run(){
18                     int a = 0, b = 0;
19                     for(int i = 0 ; i<10; i++){
20                         try{
21                             a = new java.util.Random().nextInt(100)+1;
22                             b = new java.util.Random().nextInt(100)+1;
23                             System.out.println(a + " + " + b + " = " + adder.add(a,b));
24                             System.out.println(a + " - " + b + " = " + adder.sub(a,b));
25                             System.out.println(a + " / " + b + " = " + adder.div(a,b));
26                             System.out.println(a + " * " + b + " = " + adder.mul(a,b));
27                             System.out.println();
28                             Thread.sleep(1000);
29                         }
30                         catch (InterruptedException w){System.out.println(" Error." + w);}
31                         catch (RemoteException y){System.out.println("Error ." + y);}
32                     }
33                 }
34             });
35             t.start();
36         }
37         catch (MalformedURLException x){System.out.println("Error . " + x);}
38         catch (RemoteException y){System.out.println("Error ." + y);}
39         catch (NotBoundException z){System.out.println("Error ." + z);}
40     }
```