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class:TE-A-22

expt.no.:17

import java.rmi.\*;

public interface Adder extends Remote{

public int add(int x,int y)throws RemoteException;

public int sub(int x,int y)throws RemoteException;

public int mul(int x,int y)throws RemoteException;

public int div(int x,int y)throws RemoteException;

}

//AdderRemote class

import java.rmi.\*;

import java.rmi.server.\*;

public class AdderRemote extends UnicastRemoteObject implements Adder{

AdderRemote()throws RemoteException{

super();

}

public int add(int x,int y){return x+y;}

public int sub(int x,int y){return x-y;}

public int mul(int x,int y){return x\*y;}

public int div(int x,int y){return x/y;}

}

//Myclient class

import java.rmi.\*;

public class MyClient{

public static void main(String args[]){

try{

Adder stub=(Adder)Naming.lookup("rmi://localhost:5000/sonoo");

System.out.println(stub.add(34,4));

System.out.println(stub.sub(16,3));

System.out.println(stub.mul(6,3));

System.out.println(stub.div(8,2));

}catch(Exception e){System.out.println(e);}

}

}

//Myserver class

import java.rmi.\*;

import java.rmi.registry.\*;

public class MyServer{

public static void main(String args[]){

try{

Adder stub=new AdderRemote();

Naming.rebind("rmi://localhost:5000/sonoo",stub);

}catch(Exception e){System.out.println(e);}

}

}

output:

C:\users\student\desktop\cd RMI

C:\users\student\desktop\RMI>javac \*.java

C:\users\student\desktop\RMI>rmic AdderRemote

warning:generation and use of skeletons and static stub for

JRMP is deprecated.Skeletons are unnecessary, and static stubs have

been superseded by dynamically generated stubs.users are encouraged to migrate

away from using rmic to generate skeletons and static

stubs. See the documentation for java.rmi.server.UnicastRemoteObject.

C:\users\student\desktop\RMI>rmiregistry 5000

C:\users\student\desktop\RMI>javac

C:\users\student\desktop\RMI>java MyServer

C:\users\student\desktop\cd RMI

C:\users\student\desktop\RMI>java MyClient

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