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Server.java

```java
import java.rmi.*;

import java.rmi.registry.*;

public class Server

{

    public static void main(String[] args)

    {

        try

        {

            Calculator stub = new CalculatorImpl();

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

        } catch (Exception e)

        {

            System.out.println(e.toString());

        }

    }

}
```

Client.java

```java
import java.rmi.*;

public class Client

{

public static void main(String[] args)

    {

        int x = 200, y = 25;
```

```java
        try
        {
            Calculator stub = (Calculator) Naming.lookup("rmi://localhost:5000/calculate");


            System.out.println("x = " + x + "| y = " + y);
            System.out.println("x + y: " + stub.add(x, y));
            System.out.println("x - y: " + stub.subtract(x, y));
            System.out.println("x * y: " + stub.multiply(x, y));
            System.out.println("x / y: " + stub.divide(x, y));
        }
        catch (Exception e)
        {
            System.out.println(e.toString());
        }
    }
}
```

Calculator.java

```java
import java.rmi.*;
public interface Calculator extends Remote
{
    int add(int x,int y) throws RemoteException;
    int subtract(int x,int y) throws RemoteException;
    int multiply(int x,int y) throws RemoteException;
    int divide(int x, int y) throws RemoteException;
}
```

CalculatorImpl.java

```java
import java.rmi.*;
import java.rmi.server.*;
public class CalculatorImpl extends UnicastRemoteObject implements Calculator
```

```java
{
    public CalculatorImpl() throws RemoteException
    {
        super();
    }
    public int add(int x, int y)
    {
        return x + y;
    }
    public int subtract(int x, int y)
    {
        return x - y;
    }
    public int multiply(int x, int y)
    {
        return x * y;
    }
    public int divide(int x, int y)
    {
        if(y != 0)
        {
            return x / y;
        }
        else
        {
            return -1;
        }
    }
}
```

OUTPUT-

```
Microsoft Windows [Version 10.0.19042.1237]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Sreenidhi>cd Desktop

C:\Users\Sreenidhi\Desktop>javac Server.java

C:\Users\Sreenidhi\Desktop>rmiregistry 5000
```

```
Microsoft Windows [Version 10.0.19042.1237]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Sreenidhi>cd Desktop

C:\Users\Sreenidhi\Desktop>java Server
```

```
Microsoft Windows [Version 10.0.19042.1237]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Sreenidhi>cd Desktop

C:\Users\Sreenidhi\Desktop>javac Client.java

C:\Users\Sreenidhi\Desktop>java Client
x = 200| y = 25
x + y: 225
x - y: 175
x * y: 5000
x / y: 8

C:\Users\Sreenidhi\Desktop>
```