***DC-3:***

Program: **Adder.java**

import java.rmi.Remote;

public interface Adder extends Remote {

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

}

Program: **AdderRemote.java**

import java.rmi.server.\*;

public class AdderRemote extends UnicastRemoteObject implements Adder {

  public AdderRemote() throws Exception {

    super();

  }

  public int add(int x, int y) {

    return (x + y);

  }

}

Program: **MyClient.java**

import java.rmi.\*;

import java.util.Scanner;

public class MyClient {

    public static void main(String args[]) {

        try {

            Scanner sc= new Scanner(System.in);

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

            System.out.println("==============Performed By Moin MN (211P030)=====================");

            System.out.println("Enter 1st Number: ");

            int a=sc.nextInt();

            System.out.println("Enter 2nd Number: ");

            int b=sc.nextInt();

            System.out.print("Addition of two numbers are => ");

            System.out.println(stub.add(a, b));

        } catch (Exception e) {

            System.out.println(e);

        }

    }

}

Program: **MyServer.java**

import java.rmi.\*;

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);

        }

    }

}





