**Experiment No: 03**

Name: Suraj P. Patil Roll: 4120

Class: B.Tech URN: 200131086

Div: B Date: 16-09-2023

**Title:-** Implementation of **(**RMI).

**Adder:**

import java.rmi.\*;

public interface Adder extends Remote{

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

}

**AdderRemote:**

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;}

}

**Client Code:**

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));

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

}

}

**Server Code:**

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:**

**A screenshot of a computer

Description automatically generated**

**A screen shot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**