**RMI Code : -**

import java.rmi.Remote;

import java.rmi.RemoteException;

interface Arithmetic extends Remote {

int add(int a, int b) throws RemoteException;

int subtract(int a, int b) throws RemoteException;

}

**Arithmetic Emplementation Code :-**

import java.rmi.server.UnicastRemoteObject;

import java.rmi.RemoteException;

public class ArithmeticImpl extends UnicastRemoteObject implements Arithmetic {

public ArithmeticImpl() throws RemoteException {

super();

}

@Override

public int add(int a, int b) throws RemoteException {

return a + b;

}

@Override

public int subtract(int a, int b) throws RemoteException {

return a - b;

}

}

**Server Code :-**

import java.rmi.Naming;

import java.rmi.registry.LocateRegistry;

public class server{

public static void main(String[] args) {

try {

LocateRegistry.createRegistry(1099);

Arithmetic arithmetic = new ArithmeticImpl();

Naming.rebind("rmi://localhost/ArithmeticService", arithmetic);

System.out.println("ArithmeticServer is running....");

}

catch (Exception e) {

e.printStackTrace();

}

}

}

**Client Code :-**

import java.rmi.;

public class client{

public static void main(String[] args) {

try {

Arithmetic arithmetic =(Arithmetic) Naming.lookup("rmi://localhost/ArithmeticService");

int sum = arithmetic.add(5,3);

int diffrenece = arithmetic.subtract(5,3);

System.out.println("Addition" + sum);

System.out.println("Subtraction" + diffrenece);

}

catch(Exception e){

e.printStackTrace();

}

}

}

**Output :-**

