



**ANJUMAN-I-ISLAM'S KALSEKAR TECHNICAL CAMPUS**  
**School of Engineering & Technology**  
Affiliated to : University of Mumbai, Recognised by : DTE (Maharashtra) & Approved by : AICTE (New Delhi)

<b>Name: SAYYED SOHAIL RASHID</b>	<b>Course Name: DC-LAB</b>
<b>Class: BE-CO</b>	<b>Batch: 01</b>
<b>Roll no: 18CO48</b>	<b>Experiment No: 03</b>

**AIM :** Implementation of Remote Method Innovation.

**CLIENT SIDE 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(35,1));

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

**SERVER SIDE CODE:**

```
import java.rmi.*;
import java.rmi.registry.*;
public class MyServer{
    public static void main(String args[]){
        try{
            Adder stub=new AdderRemote();
            LocateRegistry.createRegistry(5000);
            Naming.rebind("rmi://localhost:5000/sonoo",stub);
            System.out.println("Server Started...");
        }catch(Exception e){System.out.println(e);}
    }
}
```

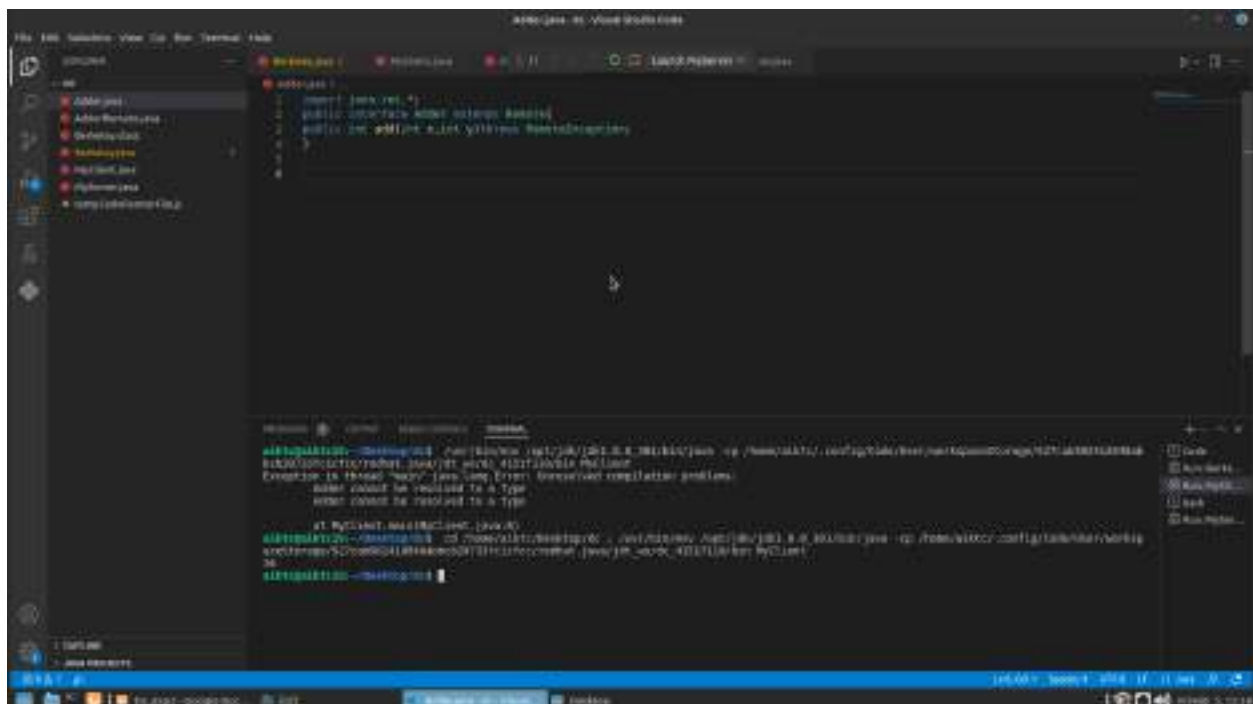
## Adder.java

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

## AdderRemote.java

```
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;}
}
```

## Output:



**Conclusion:** Hence we Implemented Remote Method Innovation(RMI).