



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)

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Class: BE-CO	Batch: 01
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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);}
}
```

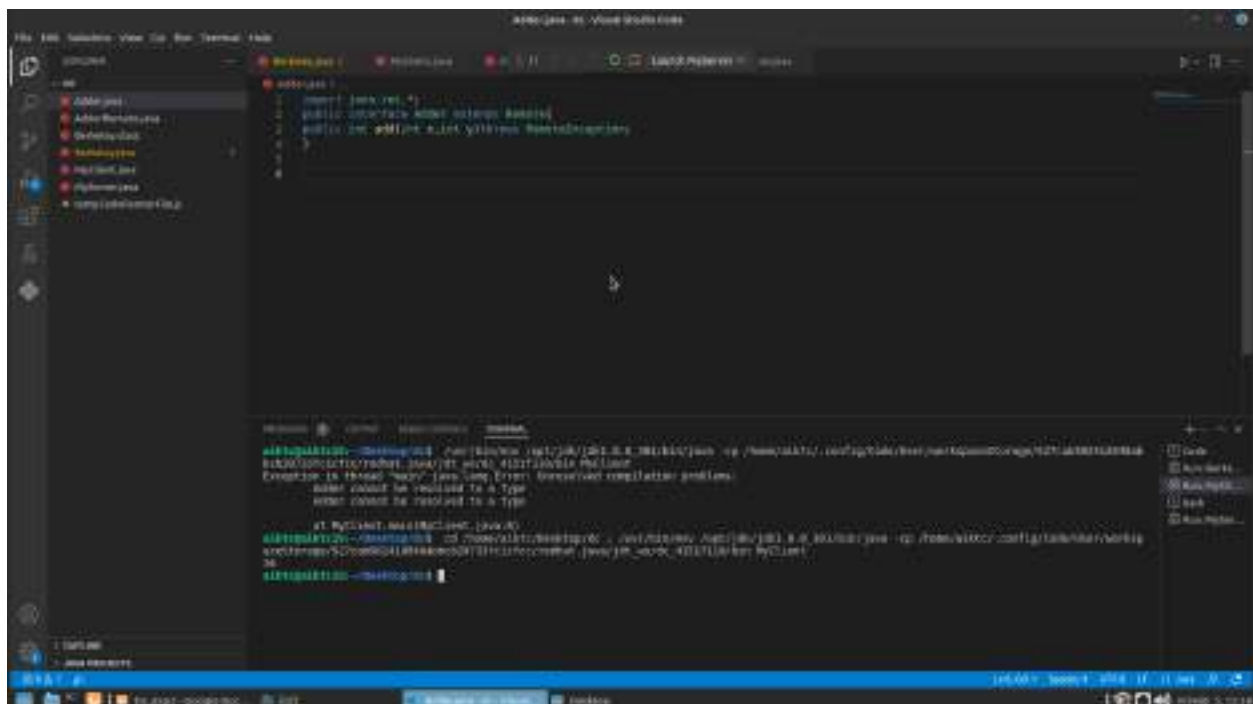
Adder.java

```
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).