Create **New Folder : RMI**

Create Files
1)MyClient.java

```java
import java.util.Scanner;
import java.rmi.*;
public class MyClient
{
        public static void main(String args[])
        {
                try
                {
                        Concat stub=(Concat)Naming.lookup("localhost");
                        Scanner input = new Scanner(System.in);
                        String x,y;
                        System.out.println("Enter String 1:");
                        x = input.nextLine();
                        System.out.println("Enter String 2:");
                        y = input.nextLine();
                        System.out.println(stub.concat(x,y));
                }
                catch(Exception e){ }
        }
}
```

2) MyServer.java

```java
import java.rmi.*;
import java.rmi.registry.*;
public class MyServer
{
        public static void main(String args[])
        {
                try
                {
                        Concat stub=new ConcatRemote();
                        Naming.rebind("localhost",stub);
                }
                catch(Exception e)
                {
                        System.out.println(e);
                }
        }
}
```

3) ConcatRemote.java

```java
import java.rmi.*;
import java.rmi.server.*;
public class ConcatRemote extends UnicastRemoteObject implements Concat
{
    ConcatRemote()throws RemoteException
    {
        super();
    }
    public String concat(String x,String y)
    {
        return x+y;
    }
}
```

4) Concat.java

```java
import java.rmi.*;
public interface Concat extends Remote
{
    public String concat(String x,String y)throws RemoteException;
}
```

#TO OPEN VS CODE
it@IT-LL-21:~/Desktop/RMI$ **sudo snap install code --classic**
it@IT-LL-21:~/Desktop/RMI$ **code**

#DOWNLOAD ALL THE EXTENTIONS RELATED TO JAVA , JDK
#TERMINAL 1
it@IT-LL-21:~/Desktop/RMI$ **javac *.java**
it@IT-LL-21:~/Desktop/RMI$ **rmic ConcatRemote**
Warning: generation and use of skeletons and static stubs for JRMP
is deprecated. Skeletons are unnecessary, and static stubs have
been superseded by dynamically generated stubs. Users are
encouraged to migrate away from using rmic to generate skeletons and static
stubs. See the documentation for java.rmi.server.UnicastRemoteObject.
it@IT-LL-21:~/Desktop/RMI$ **rmiregistry**
#TERMINAL 2
it@IT-LL-21:~/Desktop/RMI$ **java MyServer**
#TERMINAL 3
it@IT-LL-21:~/Desktop/RMI$ **java MyClient**
Enter String 1:
HELLO
Enter String 2:
OM
HELLO OM