

RMI

one.java

```
import java.rmi.*;
interface one extends Remote
{

    public int palin(String a) throws RemoteException;
}
```

two.java

```
import java.rmi.*;
import java.lang.*;
import java.rmi.server.*;
public class two extends UnicastRemoteObject implements one
{
    public two() throws RemoteException { }
    public int palin(String a) throws RemoteException
    {
        System.out.println("Hello");
        StringBuffer str = new StringBuffer(a);
        String str1 = str.toString();
        System.out.println("Print : " + str1.toString());
        StringBuffer str2 = str.reverse();
        System.out.println("Print : " + str2.toString());
        int b = str1.compareTo(str2.toString());
        System.out.println("Print : " + b);
        if (b == 0)
            return 1;
        else
            return 0;
    }
}
```

RMICLIENT.java

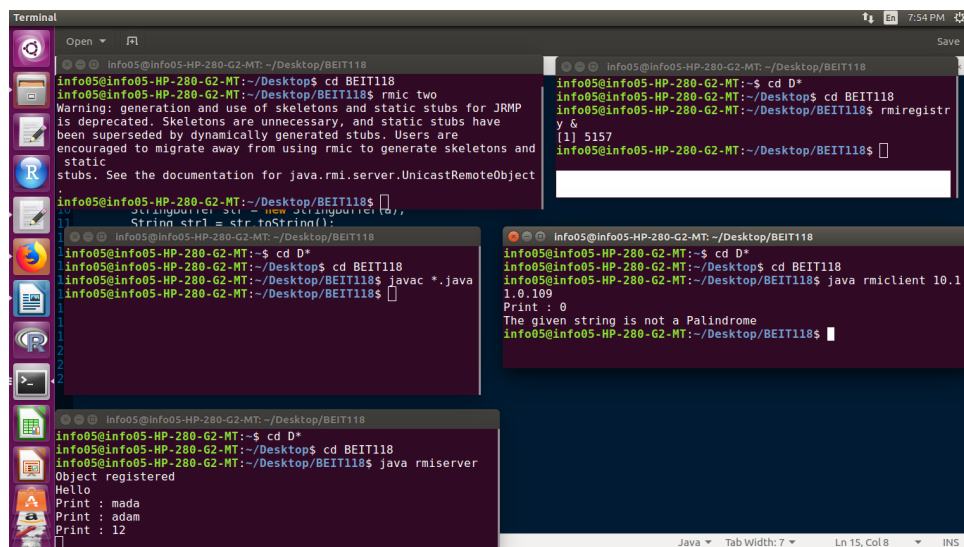
```
import java.io.*;
import java.rmi.*;
import java.net.*;
public class rmiclient
{
    public static void main(String args[]) throws Exception
    {
        try
        {
            String s1 = "rmi://localhost/palin";
            one onex = (one)Naming.lookup(s1);
            int m = onex.palin("mada");
            System.out.println("Print : " + m);
            if (m == 1)
            {
                System.out.println("The given string is a Palindrome");
            }
            else
            {
                System.out.println("The given string is not a Palindrome");
            }
        }
        catch (Exception e)
        {
            System.out.println("Exception" + e);
        }
    }
}
```

```
}
```

RMISERVER.java

```
import java.io.*;
import java.rmi.*;
import java.net.*;
public class rmiserver
{
    public static void main(String args[]) throws Exception
    {
        try
        {
            two twox = new two();
            Naming.bind("palin", twox);
            System.out.println("Object registered");
        }
        catch(Exception e)
        {
            System.out.println("Exception" + e);
        }
    }
}
```

OUTPUT:



```
Terminal
Info05@info05-HP-280-G2-MT: ~/Desktop/BEIT118
Info05@info05-HP-280-G2-MT:~/Desktop/BEIT118$ rmic two
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
Info05@info05-HP-280-G2-MT:~/Desktop/BEIT118$
Info05@info05-HP-280-G2-MT:~/Desktop/BEIT118$ cd D*
Info05@info05-HP-280-G2-MT:~/Desktop$ cd BEIT118
Info05@info05-HP-280-G2-MT:~/Desktop/BEIT118$ javac *.java
Info05@info05-HP-280-G2-MT:~/Desktop/BEIT118$
Info05@info05-HP-280-G2-MT:~/Desktop/BEIT118$ java rmiserver
Object registered
Hello
Print : mada
Print : adam
Print : 12
Info05@info05-HP-280-G2-MT:~/Desktop/BEIT118$
Info05@info05-HP-280-G2-MT:~/Desktop/BEIT118$ cd D*
Info05@info05-HP-280-G2-MT:~/Desktop$ cd BEIT118
Info05@info05-HP-280-G2-MT:~/Desktop/BEIT118$ java rmiclient 10.1
1.0.109
Print : 0
The given string is not a Palindrome
Info05@info05-HP-280-G2-MT:~/Desktop/BEIT118$
```