

RMI Application

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;

    }

}
```

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);

        }

    }

}

```

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("madam");

            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);  
    }  
}  
}
```