**Source Code Exp.5:**

**RMI\_SER.java**

import java.io.\*;

import java.rmi.\*;

import java.net.\*;

public class RMI\_SER

{

public static void main(String args[]) throws Exception

{

try

{

palendrome twox = new palendrome();

Naming.bind("palin", twox);

System.out.println("Object registered");

}

catch(Exception e)

{

System.out.println("Exception" + e);

}

}

}

**Palinterface.java:**

import java.rmi.Remote;

import java.rmi.RemoteException;

interface PalInterface extends Remote

{

public int palin(String a) throws RemoteException;

}

**Palindrome.java**

import java.rmi.\*;

import java.lang.\*;

import java.rmi.server.\*;

public class palendrome extends UnicastRemoteObject implements PalInterface

{

public palendrome() 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;

}

}

Palclient.java

import java.io.\*;

import java.rmi.\*;

import java.net.\*;

public class palclient

{

public static void main(String args[]) throws Exception

{

try

{

String s1 = "rmi://localhost/palin";

PalInterface onex = (PalInterface)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);

}

}

}

**Output Exp.5:**

Object registered

Print : 1

The given string is a Palindrome