

```

import java.net.MalformedURLException;
import java.rmi.registry.LocateRegistry;
import java.rmi.registry.Registry;

public class ClientProgram {
    public static void main(String[] args) {
        try {
            LocateRegistry.createRegistry(8899);
            Registry registry = LocateRegistry.getRegistry(8899);
            PalinInterface p = (PalinInterface) registry.lookup("localhost/abc");
            System.out.println
                ("Palindrome String is RACECAR");
            boolean b = p.checkPalindrome("RACECAR");
            if(b)
                System.out.println("String is a Palindrome !!!");
            else
                System.out.println("String is not a Palindrome.");
        } catch (Exception e) {
            e.printStackTrace();
        }
    }
}

```

```

import java.net.MalformedURLException;
import java.rmi.*;
import java.rmi.registry.LocateRegistry;
import java.rmi.registry.Registry;

public class ServerProgram {
    public static void main(String[] args) {
        try {

```

```

        PalinInterface p = new PalinImplement();
LocateRegistry.createRegistry(7788);

        Registry registry = LocateRegistry.getRegistry(7788);
        registry.bind("localhost/abc", p);
    } catch (Exception e) {
        e.printStackTrace();
    }
    System.out.println("Server Started");
}

import java.rmi.RemoteException;
import java.rmi.server.UnicastRemoteObject;

class PalinImplement extends UnicastRemoteObject implements PalinInterface {

    protected PalinImplement() throws RemoteException {
        super();
    }

    public boolean checkPalindrome(String str) {
        String revstr = "";
        int l = str.length();
        int i;
        for(i=l-1;i>=0;i--) {
            revstr+=str.charAt(i);
        }
        if(str.compareTo(revstr)==0)
            return true;
        else
            return false;
    }
}

```

interface

import java.rmi.Remote;

import java.rmi.RemoteException;

public interface PalinInterface extends Remote {

 public boolean checkPalindrome(String str) throws RemoteException;

}