**5.8.RMI**

**Interface:**

package rmi\_app;

import java.rmi.\*;

public interface PrintI extends Remote {

public boolean Check(String str)throws RemoteException;

}

**Class file:**

package rmi\_app;

import java.rmi.\*;

import java.rmi.server.UnicastRemoteObject;

public class PrintC extends UnicastRemoteObject implements PrintI {

public PrintC() throws RemoteException{

super();

}

public boolean Check(String str)

{

String rev="";

for(int i=str.length()-1;i>=0;i--) {

rev+=str.charAt(i);

}

if(str.equals(rev)) {

return true;

}

return false;

}

}

**Server file:**

package rmi\_app;

import java.rmi.\*;

import java.rmi.registry.\*;

import java.rmi.server.\*;

public class Server {

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

// TODO Auto-generated method stub

Registry reg=LocateRegistry.createRegistry(5000);

PrintC obj=new PrintC();

reg.bind("Check", obj);

System.out.println("Server Connected"); }

}

**Client file:**

package rmi\_app;

import java.rmi.\*;

import java.util.\*;

public class Client {

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

// TODO Auto-generated method stub

PrintI obj=(PrintI)Naming.lookup("rmi://localhost:5000/Check");

Scanner sc=new Scanner(System.in);

System.out.print("Enter the String");

String strs=sc.nextLine();

boolean ans=obj.Check(strs);

if(ans)

{

System.out.println("Palindrome");

}

else {

System.out.println("not palinndrome");

}}

}