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**Roll No. BIB 02**

**Program:**

# Client.java

import java.rmi.\*; import java.util.Scanner;

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

Scanner s = new Scanner(System.in);

System.out.println("Enter the Server address : ");

String server = s.nextLine();

ServerInterface si = (ServerInterface) Naming.lookup("rmi://" + server + "/Server");

System.out.println("Enter first string : ");

String first = s.nextLine();

System.out.println("Enter second string : ");

String second = s.nextLine();

System.out.println("Concatenated String : " + si.concat(first, second)); s.close();

} catch (Exception e) {

System.out.println(e);

}

}

}

# Server.java

import java.rmi.\*; import java.net.\*;

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

Servant s = new Servant();

Naming.rebind("Server", s);

} catch (Exception e) {

System.out.println(e);

}

}

}

# ServerInterface.java

import java.rmi.\*;

public interface ServerInterface extends Remote {

String concat(String a, String b) throws RemoteException; }

# Servant.java

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

public class Servant extends UnicastRemoteObject implements ServerInterface { protected Servant() throws RemoteException { super();

}

@Override

public String concat(String a, String b) throws RemoteException { return a + b;

}

}

**Output:**



