**Đếm ký tự**

**interface CharacterProcessor**package demkitu;

import java.rmi.Remote;

import java.rmi.RemoteException;

public interface CharacterProcessor extends Remote {

int countCharacters(String input) throws RemoteException;

}

**CharacterProcessorImpl**package demkitu;

import java.rmi.RemoteException;

import java.rmi.server.UnicastRemoteObject;

public class CharacterProcessorImpl extends UnicastRemoteObject implements CharacterProcessor {

protected CharacterProcessorImpl() throws RemoteException {

super();

}

@Override

public int countCharacters(String input) throws RemoteException {

return input.length();

}

}

**Client**package demkitu;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

import java.util.Scanner;

public class Client {

public static void main(String[] args) {

try {

Registry registry = LocateRegistry.getRegistry("localhost", 1098);

CharacterProcessor processor = (CharacterProcessor) registry.lookup("CharacterProcessor");

Scanner scanner = new Scanner(System.in);

System.out.print("Nhập chuỗi kí tự: ");

String input = scanner.nextLine();

int result = processor.countCharacters(input);

System.out.println("Số kí tự trong chuỗi: " + result);

scanner.close();

} catch (Exception e) {

System.err.println("Client exception: " + e.toString());

e.printStackTrace();

}

}

}

**Server**package demkitu;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

public class Server {

public static void main(String[] args) {

try {

CharacterProcessor processor = new CharacterProcessorImpl();

Registry registry = LocateRegistry.createRegistry(1098);

registry.rebind("CharacterProcessor", processor);

System.out.println("Server is running...");

} catch (Exception e) {

System.err.println("Server exception: " + e.toString());

e.printStackTrace();

}

}

}