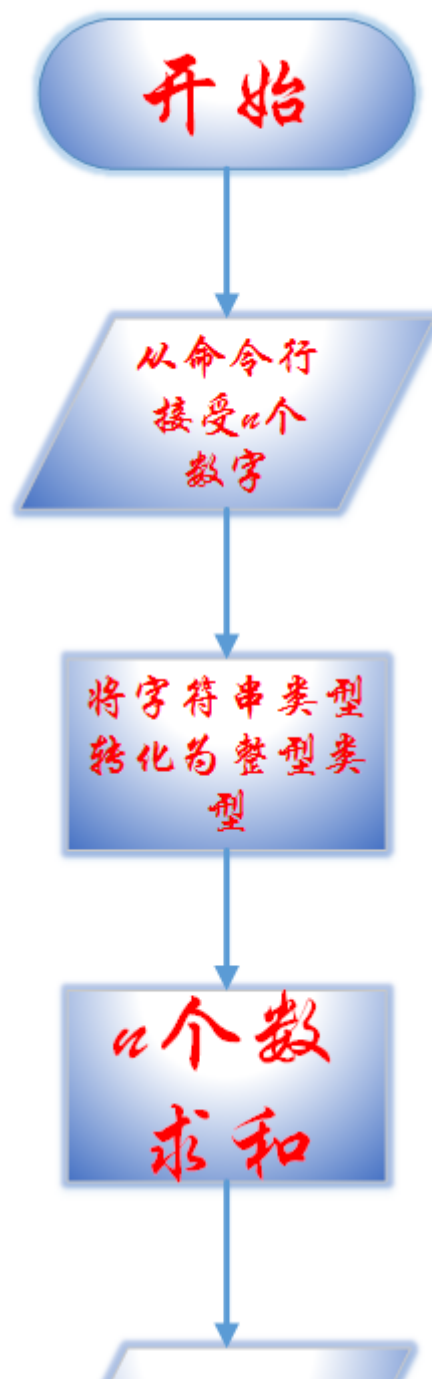


Java程序：从命令行接收多个数字，求和并输出结果

一、设计思想

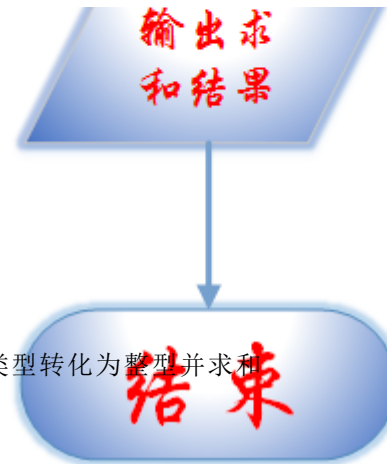
由于命令行接收的是字符串类型，因此应先将字符串类型转化为整型或其他字符型，然后利用for循环求和并输出结果

二、程序流程图



三、源程序代码

```
//王荣荣 2016/9/23
package demo;
public class CommandParameter {
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        int sum=0;
        System.out.println("numbers: "+args.length);
        for(String arg:args) {
            sum += Integer.parseInt(arg); //将字符串类型转化为整型并求和
        }
        System.out.println(sum);
    }
}
```



四、结果截图

Create, manage, and run configurations

Run a Java application



type filter text

- Gradle Project
- Java Applet
- Java Application
 - CommandParameter
 - GetArea
 - GravityCalculator
 - Hello
 - My2
 - Sum
 - Test
- JUnit
- Maven Build
- Task Context Test

Filter matched 13 of 13 items

Name: CommandParameter

Main Arguments JRE Classpath Source Environment Common

Program arguments:

5 6 70

Variables...

VM arguments:

Variables...

Working directory:

☒ Default: \${workspace_loc:MyExercise}

☐ Other:

Workspace... File System... Variables...

Revert Apply

Run Close

The screenshot displays the Eclipse IDE interface. The Package Explorer on the left shows a project named 'MyExercise' containing a package 'demo'. The main editor window shows the source code for 'CommandParameter.java'. The code defines a public class 'CommandParameter' with a static method 'main' that takes a String array 'args'. It initializes a variable 'sum' to 0, prints the length of 'args', and then iterates through 'args' to calculate the sum of integers. A comment in Chinese explains the conversion of string types to integers. The Console window at the bottom shows the output of the program, indicating it terminated successfully and displaying the numbers 3 and 81.

```
1 //王荣荣 2016/9/23
2 package demo;
3 public class CommandParameter {
4     public static void main(String[] args) {
5         // TODO Auto-generated method stub
6         int sum=0;
7         System.out.println("numbers: "+args.length);
8         for(String arg:args) {
9             sum += Integer.parseInt(arg); //将字符串类型转化为整型并求和
10        }
11        System.out.println(sum);
12    }
13 }
14 }
```

<terminated> CommandParameter [Java Application] C:\Program Files (x86)\Java\jre1.8.0_102\bin\javaw.exe (2016/9/23 10:21:10)
numbers: 3
81