Java → Basic syntax and simple programs → Methods → Command-line arguments

Command-line arguments → Basic calculator

📊 Medium   🕐 7 minutes ❓

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Write a program that takes an operator ("+", "-", "*") and two integers as the command-line arguments and then outputs the result of the operator in the standard output. If the passed operator is not from the list, it must output the string "Unknown operator" without quotes.

Please, do not rename the provided class `Problem`.

📄 Report a typo

Sample Input 1:

```
+ 10 20
```

Sample Output 1:

```
30
```

Sample Input 2:

```
% 1 15
```

Sample Output 2:

```
Unknown operator
```

⌄ Write a program

[Code Editor](#)   [IDE](#)

```java
1   class Problem {
2
3       public static void main(String[] args) {
4
5           int firstNumber = Integer.parseInt(args[1]);
6           int secondNumber = Integer.parseInt(args[2]);
7
8           System.out.println(calc(firstNumber, secondNumber, args[0]));
9
10      }
11
12      public static String calc(int num1, int num2, String operator) {
13          switch (operator) {
14              case "+":
15                  return String.valueOf(num1 + num2);
16              case "-":
17                  return String.valueOf(num1 - num2);
18              case "*":
19                  return String.valueOf(num1 * num2);
20              default:
21                  return "Unknown operator";
22          }
23      }
24  }
25
```

✓ Correct.

That's an awesome solution! What do you think about showing it off? Post it to Solutions so other learners can enjoy it too.

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😍 🙂 😐 🙁 😡

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