# Problem 2 – Letter Expression

You are given a very long **string**, which consists **digits, letters, special symbols, whitespaces.** You need to find all **numbers** in this string and do **simple arithmetic** with them. All other symbols are used to show you what kind of arithmetic operation you have to use. If count of symbols between two **numbers are even**, then operator is **'+'**, if **count is odd**, then operator is **'-'**. There is one more symbol for which you need to care.

### Input

The input comes from the console. It consists of a **single line holding the arithmetic expression**.

### Output

Print the **value of the input expression** at the console with a **precision of 7 decimal digits**.

### Constraints

* The **input** **numbers** will be standard floating-point values in the range [-1010…1010] with no more than 10 digits. Use the "**.**" symbol as decimal separator.
* The **output numbers** will be standard floating-point values in the range [-1015…1015] with no more than 30 digits. Use the "**.**" symbol as decimal separator. Output numbers have to be rounded up to 7 digits after the decimal point.
* The **count** of the input numbers will be less than 1000.
* Time limit: 0.3 sec. Memory limit: 16 MB.

### Examples

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| 10plus5 | 15 | 10 + 5 |
| 10minus5 | 5 | 10 - 5 |
| 10i5can3do2it6 | 10 | 10 - 5 - 3 + 2 + 6 |
| 10i5can3do2it | 4 | 10 - 5 - 3 + 2 |