**7 kyu**

**Basic Math (Add or Subtract)**

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Python

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In this kata, you will do addition and subtraction on a given string. The return value must be also a string.

**Note:** the input will not be empty.

Examples

"1plus2plus3plus4" --> "10"

"1plus2plus3minus4" --> "2"

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**import** math

**def** calculate(s):

    concatNumber = "";

    concatOperator = "";

    sp = []

*#for(int i =0; i<str.Length; i++)*

**for** i **in** range(0, len(s)):

**if**(s[i] >= '0' **and** s[i] <= '9' ):

            concatNumber += s[i];

**if**(len(concatOperator.strip())> 0):sp.append(concatOperator.strip())

            concatOperator = "";

**else**:

            concatOperator += s[i];

**if**(len(concatNumber.strip()) > 0):sp.append(concatNumber.strip())

            concatNumber = "";

**if**(len(concatNumber) > 0):  sp.append(concatNumber.strip())

**elif**(len(concatOperator) > 0): sp.append(concatOperator.strip())

    acum = int(sp[0])

**for** i **in** range(1, len(sp) - 1):

**if**(sp[i] == "minus"): acum -= int(sp[i + 1])

**elif**(sp[i] == "plus"): acum += int(sp[i + 1])

**return** str(acum)

**print**(calculate('1minus2minus3minus4'))