Input()

58/115 challenges solved

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```
This challenge is only for Python 2 .
```

input()

In **Python 2**, the expression *input()* is equivalent to *eval(raw _input(prompt))*.

Code

```
>>> input()
1+2
3
>>> company = 'HackerRank'
>>> website = 'www.hackerrank.com'
>>> input()
'The company name: '+company+' and website: '+website
'The company name: HackerRank and website: www.hackerrank.com'
```

Task

You are given a polynomial P of a single indeterminate (or variable), x.

You are also given the values of x and k. Your task is to verify if $P(x) = k$.

Constraints

All coefficients of polynomial P are integers.

x and y are also integers.

Input Format

The first line contains the space separated values of x and k.

The second line contains the polynomial P.

Output Format

Print `True` if $P(x) = k$. Otherwise, print `False` .

Sample Input

```
1 4
x**3 + x**2 + x + 1
```

Sample Output

Author DOSHI

Difficulty Easy

Max Score 20

Submitted By 10812

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```
True
```

Explanation

$P(1) = 1^3 + 1^2 + 1 + 1 = 4 = k$

Hence, the output is `True`.

Current Buffer (saved locally, editable) Python 3

```
1  x,k=[int(i) for i in input().split()]
2  if(eval(input())==k):
3    print(True)
4  else:
5    print(False)
```

Line: 1 Col: 2

Upload Code as File | Test against custom input | Run Code | Submit Code

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58/115 challenges solved.

50%

Congratulations

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Next Challenge

Testcase 0 Testcase 1 Testcase 2 Testcase 3

6 Testcases

Input (stdin) Download

```
1 4
x**3 + x**2 + x + 1
```

Expected Output Download

```
True
```

Compiler Message

```
Success
```