Input()

Problem Statement

`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

```
True
```

Explanation

$P(1) = 1^3 + 1^2 + 1 + 1 = 4 = k$
Hence, the output is `True`.