





X

Your Input() submission got 20.00 points. Share Post

Try the next challenge | Try a Random Challenge

Problem Submissions Leaderboard Editorial 🖰 Tutorial

This challenge is only forPython 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 ${m P}$ of a single indeterminate (or variable), ${m x}$.

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

Constraints

All coefficients of polynomial ${m P}$ are integers.

 ${m x}$ and ${m y}$ are also integers.

Input Format

The first line contains the space separated values of \boldsymbol{x} and \boldsymbol{k} .

The second line contains the polynomial \boldsymbol{P} .

Output Format

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

Sample Input

Sample Output

True

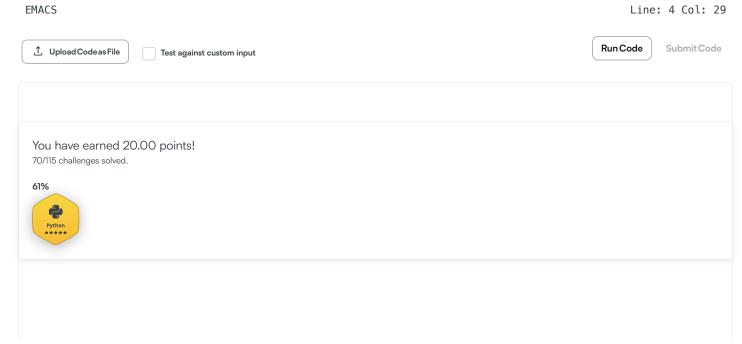
Explanation

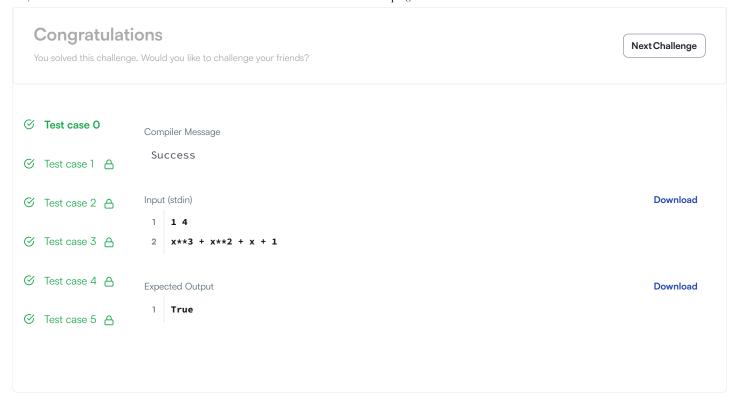
$$P(1) = 1^3 + 1^2 + 1 + 1 = 4 = k$$

Hence, the output is True.



- 1 # Enter your code here. Read input from STDIN. Print output to STDOUT
- 2 x, k = map(int, input().split())
- 3 poly_exp = input()
- 4 print((eval(poly_exp))==k)





Blog | Scoring | Environment | FAQ | About Us | Helpdesk | Careers | Terms Of Service | Privacy Policy