

Question 1

Correct

Marked out of 10.00

Write a program that takes 4 inputs, a lower bound, a upper bound, an operator and an operand. Calculate the sum of that range based on the given operator and operator and output the result as shown in sample test cases.

Note: the operators will be any one of the following +,-,*,/,% where /is integer division.

Sample Test Case 1

Input:

2 4 * 2

Output:

18

Explanation:

$(2*2 + 3*2 + 4*2)$

Sample Test Case 2

Input:

1 5 % 2

Output:

3

Explanation:

$(1\%2 + 2\%2 + 3\%2 + 4\%2 + 5\%2)$

Input Format

Single line consists of four space separated inputs representing lower bound, upper bound, operator, operand respectively.

Output Format

Single number which represents the result of summation.

For example:

Input	Result
2 4 * 2	18
1 5 % 2	3

Answer: (penalty regime: 0 %)

```

1 a,b,c,d=input().split()
2 res=0
3 for i in range(int(a),int(b)+1):
4     if(c=='+'):
5         r=i+int(d)
6         res=res+r
7     elif(c=='-'):
8         r=i-int(d)
9         res=res+r
10    elif(c=='*'):
11        r=i*int(d)
12        res=res+r
13    elif(c=='/'):
14        r=i//int(d)
15        res=res+r
16    else:
17        r=i%int(d)
18        res=res+r
19 print(res)
20
```

	Input	Expected	Got	
✓	2 4 * 2	18	18	✓
✓	1 5 % 2	3	3	✓

Passed all tests! ✓