

Python → Data types and operations → Basic data types and operations → [Integer arithmetic](#)

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Integer arithmetic → A complex expression

Medium ⌚ 3 minutes ?

Write a program that takes a single integer number *n* and then performs the following operations in the following order:

- adds *n* to itself
- multiplies the result by *n*
- subtracts *n* from the result
- exactly divides the result by *n* (that means, you need to carry out integer division).

Then print the result of the division. The example is given below:

- 8 + 8 = 16
- 16 * 8 = 128
- 128 - 8 = 120
- 120 // 8 = 15

The variable *n* is already defined.

Hint

Report a typo

Sample Input 1:

8

Sample Output 1:

15

Write a program

[Code Editor](#)

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```
1 n = int(input())
2 n1 = n + n
3 n1 *= n
4 n1 -= n
5 n1 //= n
6 print(n1)
7
```

Python

✓ Correct.

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