Ons and factorials

input: STDIN
output: STDOUT

Problem Statement.

Sandra likes to count the number of consecutive zeros at the end of factorials
Given an integer N , return the number of trailing zeroes in N!

$$n! = n * (n-1) * (n-2)...1$$

e.g: $5! = 5 * 4 * 3 * 2 * 1 = 120$

Input

$$1 \leq N \leq 100000$$

Output.

the number of trailing zeroes in N!.

Examples.

example 1

Input:

```
3
```

Output:

```
0
```

example 2

Input:

```
5
```

Output:

```
1
```

Explanation 1: 3! = 6, no trailing zero.
Explanation 2: 5! = 120, one trailing zero.