
Number of zeros in the factorial**X97024_en**

Implement the function

```
int nzeros_fact (int x);
```

which returns the number of ending zeroes in its factorial.

Take into account that ending zeros correspond to powers of 5 and, for each k , the corresponding number of zeroes is

$$\sum_{i>0} x/5^i.$$

Input

Input consists of an integer number.

Precondition

It holds $0 < @x@ < 10^9$.

Observation

You only need to submit the required procedure; your main program will be ignored.

Problem information

Author: Maria Serna

Translator: Maria Serna

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