

## A. Elephant

time limit per test: 1 second

memory limit per test: 256 megabytes

input: standard input

output: standard output

An elephant decided to visit his friend. It turned out that the elephant's house is located at point  $0$  and his friend's house is located at point  $x$  ( $x > 0$ ) of the coordinate line. In one step the elephant can move  $1, 2, 3, 4$  or  $5$  positions forward. Determine, what is the minimum number of steps he need to make in order to get to his friend's house.

### Input

The first line of the input contains an integer  $x$  ( $1 \leq x \leq 1\,000\,000$ ) — The coordinate of the friend's house.

### Output

Print the minimum number of steps that elephant needs to make to get from point  $0$  to point  $x$ .

### Examples

<b>input</b>
5
<b>output</b>
1

  

<b>input</b>
12
<b>output</b>
3

### Note

In the first sample the elephant needs to make one step of length  $5$  to reach the point  $x$ .

In the second sample the elephant can get to point  $x$  if he moves by  $3, 5$  and  $4$ . There are other ways to get the optimal answer but the elephant cannot reach  $x$  in less than three moves.

### Codeforces Round #340 (Div. 2)

Finished

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Start virtual contest

#### → Problem tags

math

No tag edit access

#### → Contest materials

- Tutorial