

HOME TOP CATALOG CONTESTS GYM PROBLEMSET GROUPS RATING EDU API CALENDAR HELP

PROBLEMS SUBMIT STATUS STANDINGS CUSTOM TEST

### 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 ( $1 \le x \le 1~000~000$ ) — 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

input	Сору
5	
output	Сору
1	
input	Сору
12	
output	Сору
2	

#### **Note**

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

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

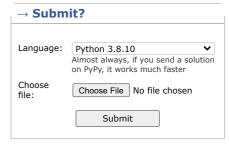
# Finished Practice

#### → Virtual participation

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