CODEFORCES
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HOME TOP CATALOG CONTESTS GYM PROBLEMSET GROUPS RATING EDU API CALENDAR HELP ICPC CHALLENGE 🏆

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS STANDINGS CUSTOM INVOCATION

F. I Hate number 7

time limit per test: 1 second
memory limit per test: 256 megabytes
input: standard input
output: standard output

I hate number 7 so I won't make a special story, let's see the problem directly. You will be given an integer N what is the number of positive integers less than or equal to N that aren't divisible by 7.

Input

There is only one line that contains one integer N $(1 \le N \le 10^{12})$.

Output

Print the number of positive integers less than or equal to N that aren't divisible by 7.

Example

input	Copy
7	
output	Copy
6	

Note

On the first sample the numbers is : $1, 2, 3, 4, 5, 6$ so the answer is 6.

ICPC Assiut Advanced Newcomers 2023

Private

Participant

⭐

→ Group Contests ⌄

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ICPC Assiut Advanced Newcomers 2023 Contest 2

Finished

Practice

⭐

→ Virtual participation ⌄

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest

→ Submit?

Language: GNU G++20 11.2.0 (64 bit, w ⌄