

1051 - Div 3

Description

There is sequence 1, 12, 123, 1234, ..., 12345678910, Given first **N** elements of that sequence, you must determine amount of numbers in it that are divisible by 3.

Input specification

Input contains **N** ($1 \leq N \leq 2^{31}-1$).

Output specification

Write answer to the output.

Sample input

4

Sample output

2

Hint(s)

Source	Saratov State University :: Online Contester
Added by	ejaltuna
Addition date	2011-10-12 21:25:51.0
Time limit (ms)	250
Test limit (ms)	250
Memory limit (kb)	131072
Output limit (mb)	64
Size limit (bytes)	100000
Enabled languages	C C# C++ Java Pascal Perl PHP Python Ruby Text