

## 105. Div 3

time limit per test: 0.25 sec.  
memory limit per test: 4096 KB

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

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

### Output

Write answer to the output.

Sample Input

4

Sample Output

2