Onek Mojar Contest

Team forming contest 5 - 2013 batch

1:55:02 5:00:00

Overview | Problem | Status | Rank (94810)

A | B | C | D | E | F | G | H | I | J

B - B-number

Time Limit:1000MS **Memory Limit:**32768KB **64bit IO Format:**%I64d & %I64u

Submit | Status

Description

A wqb-number, or B-number for short, is a non-negative integer whose decimal form contains the sub- string "13" and can be divided by 13. For example, 130 and 2613 are wqb-numbers, but 143 and 2639 are not. Your task is to calculate how many wqb-numbers from 1 to n for a given integer n.

Input

Process till EOF. In each line, there is one positive integer n(1 <= n <= 1000000000).

Output

Print each answer in a single line.

Sample Input

```
13
100
200
1000
```

Sample Output

```
1
1
2
2
```