



## D.IS IT KHOSHGEL?

You are given an integer  $N$ . Among the integers between 1 and  $N$  (inclusive), how many *KHOSHGEL numbers* are there?

Here, a *KHOSHGEL* number is a positive integer that satisfies the following condition:

- When the number is written in base ten, each of the digits 7, 5 and 3 appears at least once, and the other digits never appear.

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### Constraints

- $1 \leq N < 10^9$
- $N$  is an integer.

### Input

Input is given from Standard Input in the following format:

$N$

### Output

Print the number of the *KHOSHGEL* numbers between 1 and  $N$  (inclusive).

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### Sample 1:

Input	Output
575	4



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There are four KHOSHGEL numbers not greater than 575: 357, 537, 375 and 573.

Sample 2:

Input	Output
3600	13