BAD 7!

Problem Statement.

You hate the number 7 right? Me too!
Let us count the number of integers without the digit 7 in both **decimal** (base 10) and **octal** (base 8).
How many such integers are there between 1 and N?

Input

$$1 \leq N \leq 100$$

Output.

Print an integer representing the answer.

Examples.

example 1

Input:

```
20
```

Output:

```
17
```

Among the integers between 1 and 20, 7 and 17 contain the digit 7 in decimal. Also , 7 and 15 contain the digit 7 in octal.
And so , the 17 integers other than 7, 15, and 17 meet the requirements.