

Question 7

Not complete

Marked out of 1.00

A nice number is a positive integer that contains only 2's and 5's.

Some nice numbers are: 2, 5, 22, 25, 52, 55, ...

Number 2 is the first nice number.

Given an integer N, return the Nth nice number.

Note: iostream, vector, queue are already included for you.

Constraint:

$1 \leq n \leq 10^6$

Example 1:

Input:

n = 5

Output:

52

Explanation:

The sequence of nice numbers is 2, 5, 22, 25, 52, 55, ...

The 5th number in this sequence is 52

Example 2:

Input:

n = 10000

Output:

2255522252225

For example:

| Test | Input | Result |
|--|-------|---------------|
| int n; cin >> n; cout << nthNiceNumber(n) << endl; | 5 | 52 |
| int n; cin >> n; cout << nthNiceNumber(n) << endl; | 10000 | 2255522252225 |

Answer: (penalty regime: 0, 0, 0, 5, 10, ... %)

Reset answer

```
1 // iostream, vector and queue are included
2 // You can write helper methods
3
4 long long nthNiceNumber(int n) {
5     return 0.0;
6 }
```