Given an integer n, return *the number of strings of length*n*that consist only of vowels (*a*,*e*,*i*,*o*,*u*) and are****lexicographically sorted****.*

A string s is **lexicographically sorted** if for all valid i, s[i] is the same as or comes before s[i+1] in the alphabet.

**Example 1:**

**Input:** n = 1

**Output:** 5

**Explanation:** The 5 sorted strings that consist of vowels only are ["a","e","i","o","u"].

**Example 2:**

**Input:** n = 2

**Output:** 15

**Explanation:** The 15 sorted strings that consist of vowels only are

["aa","ae","ai","ao","au","ee","ei","eo","eu","ii","io","iu","oo","ou","uu"].

Note that "ea" is not a valid string since 'e' comes after 'a' in the alphabet.

**Example 3:**

**Input:** n = 33

**Output:** 66045

**Constraints:**

* 1 <= n <= 50