

650. 2 Keys Keyboard

Description

There is only one character `'A'` on the screen of a notepad. You can perform one of two operations on this notepad for each step:

- Copy All: You can copy all the characters present on the screen (a partial copy is not allowed).
- Paste: You can paste the characters which are copied last time.

Given an integer `n`, return *the minimum number of operations to get the character `'A'` exactly `n` times on the screen*.

Example 1:

Input: `n = 3`

Output: `3`

Explanation: Initially, we have one character `'A'`.

In step 1, we use Copy All operation.

In step 2, we use Paste operation to get `'AA'`.

In step 3, we use Paste operation to get `'AAA'`.

Example 2:

Input: `n = 1`

Output: `0`

Constraints:

- `1 <= n <= 1000`

