

DescriptionSolutionDiscuss (99)Submissions

651. 4 Keys Keyboard

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Imagine you have a special keyboard with the following keys:

- A: Print one 'A' on the screen.
- Ctrl-A: Select the whole screen.
- Ctrl-C: Copy selection to buffer.
- Ctrl-V: Print buffer on screen appending it after what has already been printed.

Given an integer *n*, return the *maximum number of 'A'* you can print on the screen with **at most** *n* presses on the keys.

Example 1:

Input: n = 3

Output: 3

Explanation: We can at most get 3 A's on screen by pressing the following key sequence:
A, A, A

Example 2:

Input: n = 7

Output: 9

Explanation: We can at most get 9 A's on screen by pressing following key sequence:
A, A, A, Ctrl A, Ctrl C, Ctrl V, Ctrl V

Constraints:

- 1 <= n <= 50

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```
1class Solution {
2    public int maxA(int n) {
3    }
4}
5
```

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