66. Plus One

👍 387   👎 861   ♡   ▾

📄 Description (/problems/plus-one/description/)   💡 Hints (/problems/plus-one/hints/)   ⟨⟩
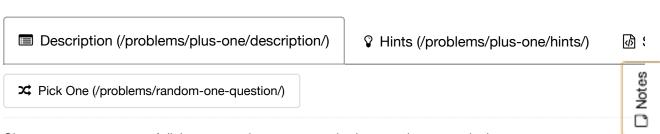
Notes

🔀 Pick One (/problems/random-one-question/)

Given a **non-empty** array of digits representing a non-negative integer, plus one to the integer.

The digits are stored such that the most significant digit is at the head of the list, and each element in the array contain a single digit.

You may assume the integer does not contain any leading zero, except the number 0 itself.

Example 1:

```
Input: [1,2,3]
Output: [1,2,4]
Explanation: The array represents the integer 123.
```

Example 2:

```
Input: [4,3,2,1]
Output: [4,3,2,2]
Explanation: The array represents the integer 4321.
```

Seen this question in a real interview before? Yes No   ⊗

Related Topics ▾

Similar Questions ▾

❓ Python   ▾   ⟨⟩ ↻ >_ ⚙

```python
1 ▾ class Solution(object):
2 ▾     def plusOne(self, digits):
3           newString = ""
4 ▾         for i in digits:
5               newString += str(i)
6           print (newString)
7           # get the plus one number
```

```
 8          plusone = str(int(newString) + 1)
 9          print(plusone)
10          newList = [int(x) for x in str(plusone)]
11          return newList
12
13
```

☐ **Custom Testcase** (**Contribute ❶**)   ❓   ⏵ Run Code   ☁ Submit Solution

Submission Result: Accepted (/submissions/detail/160192199/) ❓

More Details ❯ (/submissions/detail/160192199/)

Next challenges:

Multiply Strings (/problems/multiply-strings)   Add Binary (/problems/add-binary)   Plus One Linked List (/problems/plus-one-linked-list)

Share your acceptance!

◁ 1   ◁ 14