

```
class Solution(object):
    def plusOne(self, digits):
        """
        :type digits: List[int]
        :rtype: List[int]
        """
        # Traverse the list from the last element to the first
        for i in range(len(digits)-1, -1, -1):
            # If the current digit is 9, set it to 0
            if digits[i] == 9:
                digits[i] = 0
            else:
                # If the current digit is not 9, increment it by 1 and return
                the list
                digits[i] = digits[i] + 1
                return digits
        # If all digits are 9, prepend 1 to the list
        return [1] + digits
```