

```
class Solution(object):
    def plusOne(self, digits):
        n = len(digits)
        for i in range(n-1, -1, -1):
            if digits[i] < 9:
                digits[i] += 1
                return digits
            digits[i] = 0
        # If all digits were 9, e.g., [9, 9, 9]
        return [1] + digits
```