66. Plus One

You are given a large integer represented as an integer array digits, where each digits[i] is the ith digit of the integer. The digits are ordered from most significant to least significant in left-to-right order. The large integer does not contain any leading 0's. Increment the large integer by one and return the resulting array of digits.

Example 1:

- **Input:** digits = [1,2,3]
- **Output:** [1,2,4]
- **Explanation:** The array represents the integer 123.
    - Incrementing by one gives 123 + 1 = 124.
    - Thus, the result should be [1,2,4].

Example 2:

- **Input:** digits = [4,3,2,1]
- **Output:** [4,3,2,2]
- **Explanation:** The array represents the integer 4321.
    - Incrementing by one gives 4321 + 1 = 4322.
    - Thus, the result should be [4,3,2,2].

Example 3:

- **Input:** digits = [9]
- **Output:** [1,0]
- **Explanation:** The array represents the integer 9.
    - Incrementing by one gives 9 + 1 = 10.
    - Thus, the result should be [1,0].

Constraints:

- 1 <= digits.length <= 100
- 0 <= digits[i] <= 9
- digits does not contain any leading 0's.