

Increment Large Number Array Representation

Challenge: You are provided with a large number represented as an array of digits, where each `digits[i]` is the *i*-th digit of the number, arranged from the most significant to the least significant, in left-to-right order. The number does not have any leading zeros.

Your task is to increase this number by one and return the resulting list of digits.

Examples:

Example 1:

- **Input:** `digits = [1, 2, 3]`
- **Output:** `[1, 2, 4]`
- **Explanation:** The array represents the number 123. Adding one results in 124, so the output is `[1, 2, 4]`.

Example 2:

- **Input:** `digits = [4, 3, 2, 1]`
- **Output:** `[4, 3, 2, 2]`
- **Explanation:** The array represents the number 4321. Adding one results in 4322, so the output is `[4, 3, 2, 2]`.

Example 3:

- **Input:** `digits = [9]`
- **Output:** `[1, 0]`
- **Explanation:** The array represents the number 9. Adding one results in 10, so the output is `[1, 0]`.

Constraints:

$$1 \leq \text{digits.length} \leq 100$$

$$0 \leq \text{digits}[i] \leq 9$$

The array has no leading zeros.