Assignment 1: Decrement by one

You are given an integer number represented as an array. Each digit of the integer is an element of the represented array (*digits[i]* is the i^{th} digit of the given integer). The digits are ordered from most significant to least significant (left to right). Decrement the given integer by one and return the *result as an array of digits*.

Example 1:

```
Input: digits = [2, 3, 4]

Output: [2,3,3]

Explanation: The array represents the integer 234.

Decrementing by one gives 234 - 1 = 233.

The returned result should be [2, 3, 3].
```

Example 2:

```
Input: digits = [3,1]

Output: [3, 0]

Explanation: The array represents the integer 31.

Decrementing by one gives 31 - 1 = 30.

The returned result should be [3, 0].
```

Example 3:

```
Input: digits = [1, 0, 0]

Output: [9, 9]

Explanation: The array represents the integer 100.

Decrementing by one gives 100 - 1 = 99.

The returned result should be [9, 9] (not [0, 9, 9])
```

Make sure your file can be easily identified (ex: NameSurnameSolution.java)

```
class NameSurnameSolution {
        public static void main (String[] args) {
        }
  public static int[] decrement(int[] digits) {
  }
}
```