5837. Number of Ways to Separate Numbers

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You wrote down many **positive** integers in a string called num . However, you realized that you forgot to add commas to seperate the different numbers. You remember that the list of integers was **non-decreasing** and that **no** integer had leading zeros.

Return *the **number of possible lists of integers** that you could have written down to get the string* num . Since the answer may be large, return it **modulo** $10^9 + 7$.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Hard

Example 1:

```
Input: num = "327"
Output: 2
Explanation: You could have written down the numbers:
3, 27
327
```

Example 2:

```
Input: num = "094"
Output: 0
Explanation: No numbers can have leading zeros and all numbers must be positive.
```

Example 3:

```
Input: num = "0"
Output: 0
Explanation: No numbers can have leading zeros and all numbers must be positive.
```

Example 4:

```
Input: num = "9999999999999"
Output: 101
```

Constraints:

- `1 <= num.length <= 3500`
- `num` consists of digits `'0'` through `'9'`.

JavaScript ▾

```
1 ▾ /**
2    * @param {string} num
3    * @return {number}
4    */
5 ▾ var numberOfCombinations = function(num) {
6
7   };
```