

43. Multiply Strings

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Given two non-negative integers `num1` and `num2` represented as strings, return the product of `num1` and `num2` , also represented as a string.

Note: You must not use any built-in BigInteger library or convert the inputs to integer directly.

Example 1:

Input: `num1 = "2", num2 = "3"`
Output: `"6"`

Example 2:

Input: `num1 = "123", num2 = "456"`
Output: `"56088"`

Constraints:

- `1 <= num1.length, num2.length <= 200`
- `num1` and `num2` consist of digits only.
- Both `num1` and `num2` do not contain any leading zero, except the number `0` itself.

Seen this question in a real interview before? 1/4

☒ Yes ☐ No

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