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Description   Solution   Discuss (999+)   Submissions

```
1  class Solution {
2      public String multiply(String num1, String num2) {
3
4      }
5  }
```

43. Multiply Strings

Medium   👍 2969   👎 1178   ♡ Add to List   ⎘ Share

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.

Accepted   402,077   Submissions   1,122,163

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