415. Add Strings

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Total Accepted: **20571**   Total Submissions: **49890**   Difficulty: **Easy**   Contributors: **Admin**

Given two non-negative integers `num1` and `num2` represented as string, return the sum of `num1` and `num2`.

Note:

1. The length of both `num1` and `num2` is < 5100.
2. Both `num1` and `num2` contains only digits `0-9`.
3. Both `num1` and `num2` does not contain any leading zero.
4. You **must not use any built-in BigInteger library** or **convert the inputs to integer** directly.

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Notes

Python   ⟳   </>

```python
class Solution(object):
    def addStrings(self, num1, num2):
        """
        :type num1: str
        :type num2: str
        :rtype: str
        """
        num1=[int(char) for char in list(num1)]
        num2=[int(char) for char in list(num2)]
        num11=0
        len1=len(num1)
        len2=len(num2)
        for i in xrange(len1-1,-1,-1 ):
            num11=num11+num1[i]*(10**(len1-i-1))
        for i in xrange(len2-1,-1,-1):
            num11=num11+num2[i]*(10**(len2-i-1))
        return str(int(num11))
```

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