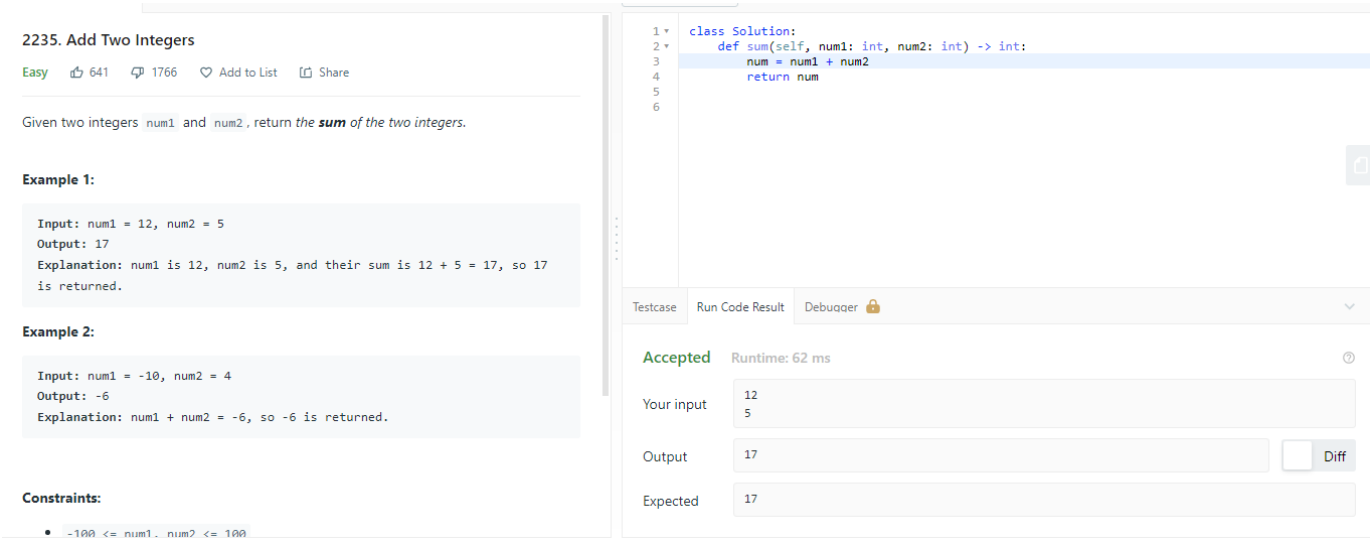
# Leet Code Problems



2235. Add Two Integers

Easy 641 1766 Add to List Share

Given two integers num1 and num2, return *the **sum** of the two integers.*

**Example 1:**

```
Input: num1 = 12, num2 = 5
Output: 17
Explanation: num1 is 12, num2 is 5, and their sum is 12 + 5 = 17, so 17
is returned.
```

**Example 2:**

```
Input: num1 = -10, num2 = 4
Output: -6
Explanation: num1 + num2 = -6, so -6 is returned.
```

**Constraints:**

- -100 <= num1, num2 <= 100

```
class Solution:
    def sum(self, num1: int, num2: int) -> int:
        num = num1 + num2
        return num
```

Testcase | Run Code Result | Debugger

Accepted Runtime: 62 ms

Your input
12
5

Output 17 Diff

Expected 17

# Palindrome

9. Palindrome Number

Easy 7678 2340 Add to List Share

Given an integer x, return true *if* x *is a **palindrome**, and* false *otherwise.*

**Example 1:**

```
Input: x = 121
Output: true
Explanation: 121 reads as 121 from left to right and from right to left.
```

**Example 2:**

```
Input: x = -121
Output: false
Explanation: From left to right, it reads -121. From right to left, it
becomes 121-. Therefore it is not a palindrome.
```

**Example 3:**

```
Input: x = 10
```

```
class Solution:
    def isPalindrome(self, x: int) -> bool:
        return str(x) == str(x)[::-1]
```

Testcase | Run Code Result | Debugger

Accepted Runtime: 62 ms

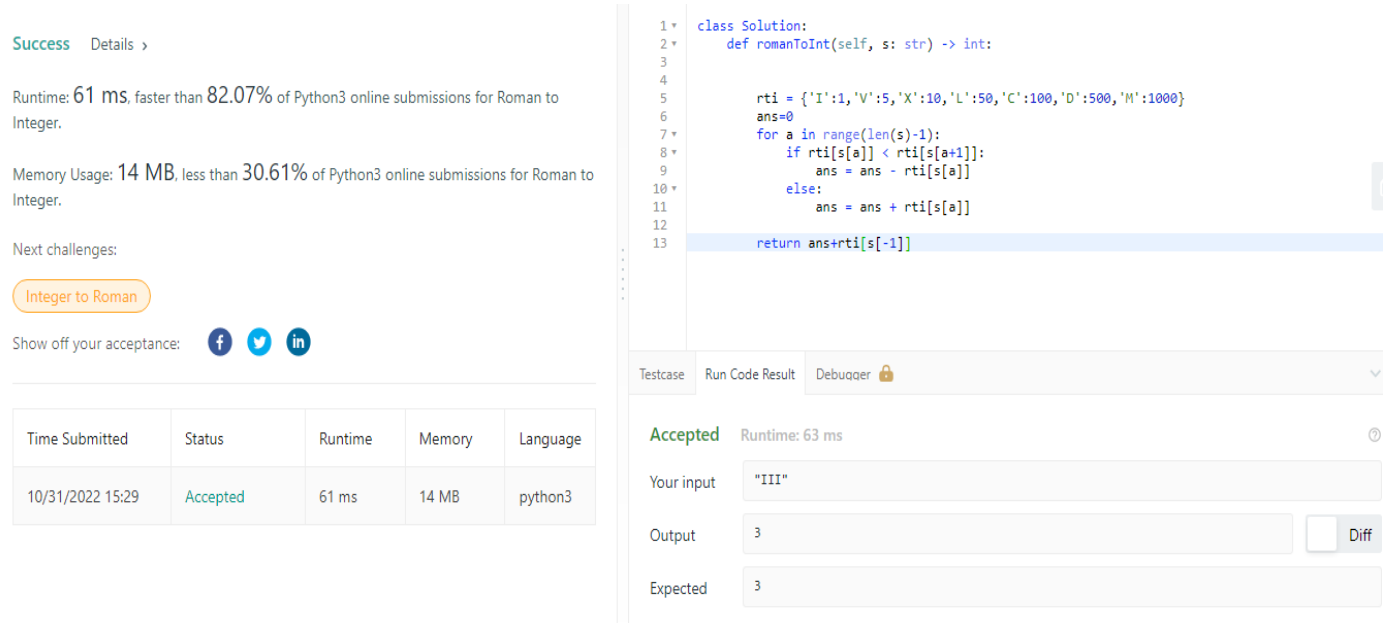
Your input 121

Output true

Expected true

Problems Pick One Prev 9/2458 Next Console Use Example Testcases

# Roman To Numerical



Success Details ›

Runtime: 61 ms, faster than 82.07% of Python3 online submissions for Roman to Integer.

Memory Usage: 14 MB, less than 30.61% of Python3 online submissions for Roman to Integer.

Next challenges:

Integer to Roman

Show off your acceptance:

| Time Submitted | Status | Runtime | Memory | Language |
|---|---|---|---|---|
| 10/31/2022 15:29 | Accepted | 61 ms | 14 MB | python3 |

```python
class Solution:
    def romanToInt(self, s: str) -> int:


        rti = {'I':1,'V':5,'X':10,'L':50,'C':100,'D':500,'M':1000}
        ans=0
        for a in range(len(s)-1):
            if rti[s[a]] < rti[s[a+1]]:
                ans = ans - rti[s[a]]
            else:
                ans = ans + rti[s[a]]

        return ans+rti[s[-1]]
```

Testcase | Run Code Result | Debugger

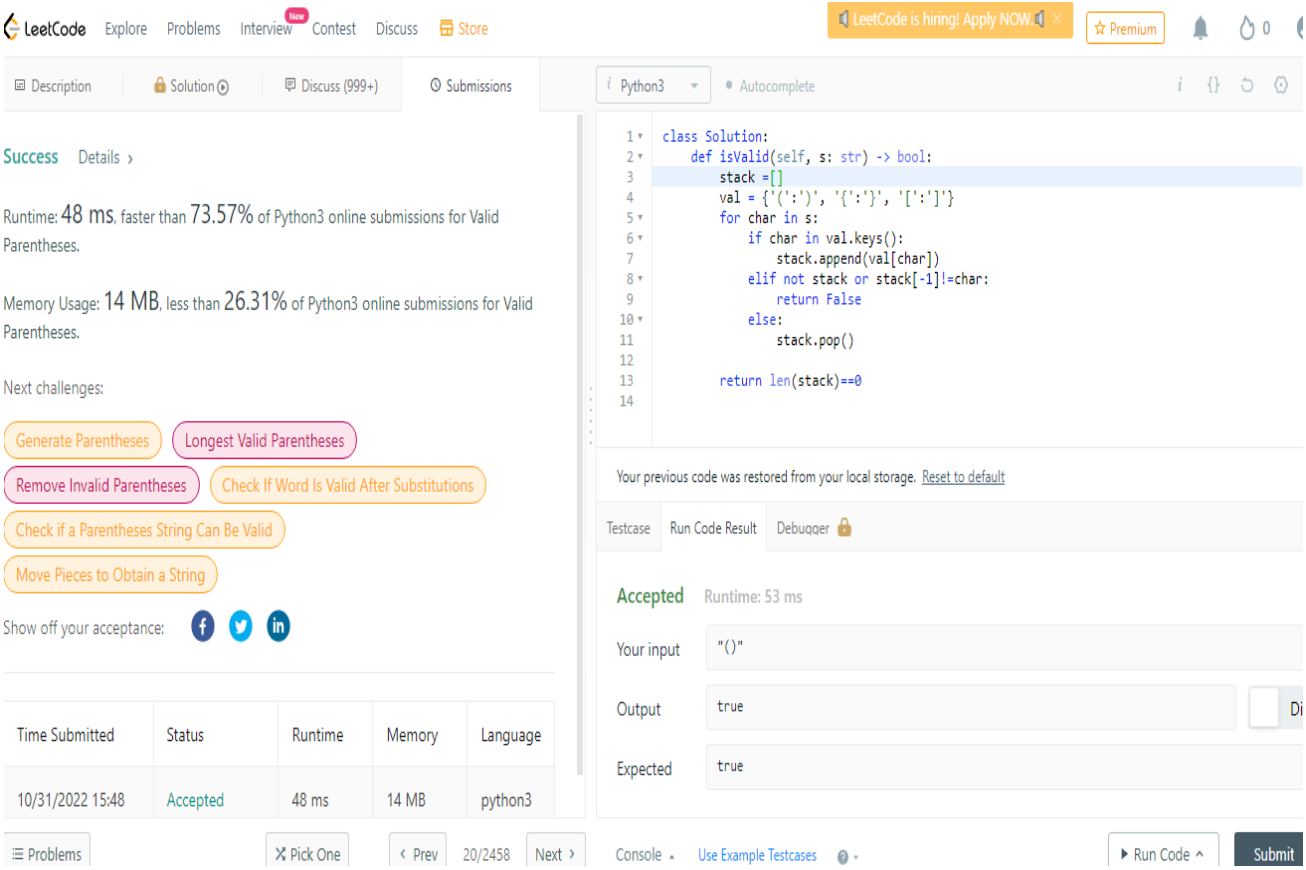
Accepted Runtime: 63 ms

Your input "III"

Output 3

Expected 3

# Checking Symbols



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Description | Solution | Discuss (999+) | Submissions

Python3 | Autocomplete

Success Details ›

Runtime: 48 ms, faster than 73.57% of Python3 online submissions for Valid Parentheses.

Memory Usage: 14 MB, less than 26.31% of Python3 online submissions for Valid Parentheses.

Next challenges:

Generate Parentheses | Longest Valid Parentheses | Remove Invalid Parentheses | Check If Word Is Valid After Substitutions | Check if a Parentheses String Can Be Valid | Move Pieces to Obtain a String

Show off your acceptance:

| Time Submitted | Status | Runtime | Memory | Language |
|---|---|---|---|---|
| 10/31/2022 15:48 | Accepted | 48 ms | 14 MB | python3 |

```python
class Solution:
    def isValid(self, s: str) -> bool:
        stack =[]
        val = {'(':')', '{':'}', '[':']'}
        for char in s:
            if char in val.keys():
                stack.append(val[char])
            elif not stack or stack[-1]!=char:
                return False
            else:
                stack.pop()

        return len(stack)==0
```

Your previous code was restored from your local storage. Reset to default

Testcase | Run Code Result | Debugger

Accepted Runtime: 53 ms

Your input "()"

Output true

Expected true

Problems | Pick One | ‹ Prev | 20/2458 | Next › | Console | Use Example Testcases | Run Code | Submit