LEETCODE BOOTCAMP
SECTION - A

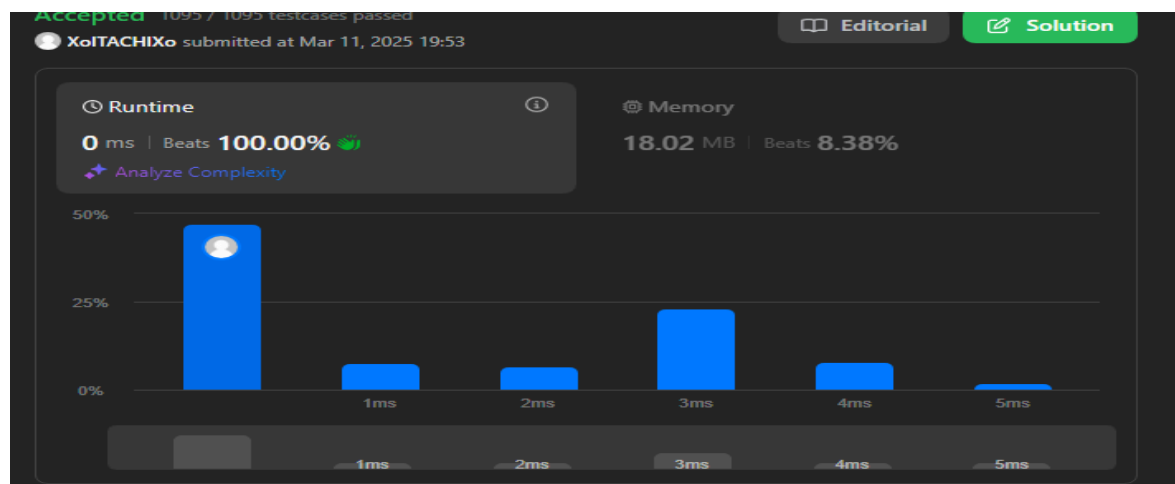Name: Aryan Ajmera   NetID: aa12904

Question 1:

```python
class Solution:
    def myAtoi(self, s: str) -> int:
        s = s.strip()
        if not s:
            return 0
        i = 0
        sign = 1
        result = 0
        if s[i] == '-' or s[i] == '+':
            sign = -1 if s[i] == '-' else 1
            i += 1
        while i < len(s) and s[i].isdigit():
            digit = int(s[i])
            if result > (2**31 - 1 - digit) // 10:
                return 2**31 - 1 if sign == 1 else -2**31
            result = result * 10 + digit
            i += 1
        return sign * result
```

```python
class Solution:
    def findAnagrams(self, s: str, p: str) -> List[int]:
        if len(p) > len(s):
            return []

        p_count = Counter(p)
        s_count = Counter(s[:len(p)])
        result = []

        if s_count == p_count:
            result.append(0)

        for i in range(len(p), len(s)):
            start = i - len(p)


            s_count[s[start]] -= 1
            if s_count[s[start]] == 0:
                del s_count[s[start]]


            s_count[s[i]] += 1


            if s_count == p_count:
                result.append(start + 1)

        return result
```

Accepted 1095 / 1095 testcases passed

Editorial | Solution

XoITACHIXo submitted at Mar 11, 2025 19:53

⏱ Runtime
0 ms | Beats **100.00%**
🧪 Analyze Complexity

💾 Memory
18.02 MB | Beats **8.38%**

1.91% of solutions used 5 ms of runtime

Code | Python3

```python
class Solution:
    def myAtoi(self, s: str) -> int:
        s = s.strip()
        if not s:
            return 0
        i = 0
        sign = 1
        result = 0
```

∨ View more

More challenges

• 7. Reverse Integer • 65. Valid Number

• 2042. Check if Numbers Are Ascending in a Sentence

Editorial | Solutions | Submissions

Python3 ∨ 🔒 Auto

```python
class Solution:
    def myAtoi(self, s: str) -> int:
        s = s.strip()
        if not s:
            return 0
        i = 0
        sign = 1
        result = 0
        if s[i] == '-' or s[i] == '+':
            sign = -1 if s[i] == '-' else 1
            i += 1
        while i < len(s) and s[i].isdigit():
            digit = int(s[i])
            if result > (2**31 - 1 - digit) // 10:
                return 2**31 - 1 if sign == 1 else -2**31
            result = result * 10 + digit
            i += 1
        return sign * result
```

Saved   Ln 7, Col 17

Testcase | Test Result

Accepted   Runtime: 0 ms

Case 1 • Case 2 • Case 3 • Case 4 • Case 5

Input
s =
"42"

Output
42

Expected
42

Accepted 1095 / 10
XoITACHIXo submi

Snipping Tool
Screenshot copied to clipboard
Automatically saved to screenshots folder.
Mark-up and share

♡ Contribute a testcase

<mark>Question3:</mark>

```python
class Solution:
    def reverseWords(self, s: str) -> str:
        return " ".join(s.split()[::-1])
```

Run Submit

Premium

Description | Accepted ×

Code

Python3 ∨ | 🔒 Auto

← All Submissions

```
1  class Solution:
2      def reverseWords(self, s: str) -> str:
3          return " ".join(s.split()[::-1])
```

Accepted 61 / 61 testcases passed

Editorial | Solution

XoITACHIXo submitted at Mar 11, 2025 20:06

Saved   Ln 1, Col

🕐 Runtime   ℹ️   ⚙ Memory

0 ms | Beats **100.00%**   17.78 MB | Beats **91.94%**

⚡ Analyze Complexity

Testcase | Test Result

Accepted Runtime: 0 ms

75%

• Case 1   • Case 2   • Case 3

50%

Input

25%

s =
"the sky is blue"

0%
      1ms 2ms 3ms 4ms 5ms 6ms

Output

         1ms 2ms 3ms 4ms 5ms 6ms

"blue is sky the"

Code | Python3

Expected

```
class Solution:
    def reverseWords(self, s: str) -> str:
        return " ".join(s.split()[::-1])
```

"blue is sky the"

More challenges

• **186. Reverse Words in a String II**

Write your notes here

♡ Contribute a testcase

📖 Editorial | 👥 **Solutions** | 🗂 Submissions