

PROBLEM: find-n-unique-integers-sum-up-to-zero

<https://leetcode.com/problems/find-n-unique-integers-sum-up-to-zero/submissions/>

```
def sumZero(self, n):
```

```
    """
```

```
    :type n: int
```

```
    :rtype: List[int]
```

```
    """
```

```
    lst = []
```

```
    if n % 2 == 0:
```

```
        for i in range(n//2):
```

```
            lst.append(i+1)
```

```
            lst.append(-i-1)
```

```
    else:
```

```
        lst.append(0)
```

```
        for i in range(n//2):
```

```
            lst.append(i+1)
```

```
            lst.append(-i-1)
```

```
    return lst
```

The screenshot shows a web browser with several tabs open. The active tab is the LeetCode problem page for "Find N Unique Integers Sum up to Zero". The page displays the problem description, a success message, and a table of submission statistics. The code editor on the right shows the Python solution for the problem. The output of the code is displayed as [0, 1, -1, 2, -2] for an input of 5.

Success Details >

Runtime: 40 ms, faster than 6.56% of Python online submissions for Find N Unique Integers Sum up to Zero.

Memory Usage: 12.8 MB, less than 54.44% of Python online submissions for Find N Unique Integers Sum up to Zero.

Next challenges:

- Contains Duplicate II
- Transform to Chessboard
- Distance Between Bus Stops

Show off your acceptance:

Time Submitted	Status	Runtime	Memory	Language
a few seconds ago	Accepted	40 ms	12.8 MB	python

```
1 class Solution(object):
2     def sumZero(self, n):
3         """
4         :type n: int
5         :rtype: List[int]
6         """
7         lst = []
8         if n % 2 == 0:
9             for i in range(n//2):
10                 lst.append(i+1)
11                 lst.append(-i-1)
12         else:
13             lst.append(0)
14             for i in range(n//2):
15                 lst.append(i+1)
16                 lst.append(-i-1)
17         return lst
```

Testcase Run Code Result Debugger

Accepted Runtime: 36 ms

Your input 5

Output [0, 1, -1, 2, -2] Diff

Expected [-1, 1, 2, 0, -2]

Activate Windows
Go to Settings to activate Windows.

Run Code Submit