Problem 1304: Find N Unique Integers Sum up to Zero

Problem Information

Difficulty: Easy
Acceptance Rate: 78.48%
Paid Only: No
Tags: Array, Math

Problem Description

Given an integer `n`, return **any** array containing `n` **unique** integers such that they add up to `0`.

Example 1:

Input: n = 5 **Output:** [-7,-1,1,3,4] **Explanation:** These arrays also are accepted [-5,-1,1,2,3] , [-3,-1,2,-2,4].

Example 2:

Input: n = 3 **Output:** [-1,0,1]

Example 3:

Input: n = 1 **Output:** [0]

Constraints:

* `1 <= n <= 1000`

Code Snippets

C++:

```
class Solution {
public:
vector<int> sumZero(int n) {

}
};
```

Java:

```
class Solution {
public int[] sumZero(int n) {

}
}
```

Python3:

```
class Solution:
def sumZero(self, n: int) -> List[int]:
```