

5997. Find Three Consecutive Integers That Sum to a Given Number

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Given an integer `num` , return *three consecutive integers (as a sorted array) that **sum** to `num`* . If `num` cannot be expressed as the sum of three consecutive integers, return an **empty** array.

Example 1:


**Input:** `num = 33`  
**Output:** `[10,11,12]`  
**Explanation:** 33 can be expressed as `10 + 11 + 12 = 33`.  
`10, 11, 12` are 3 consecutive integers, so we return `[10, 11, 12]`.

Example 2:

**Input:** `num = 4`  
**Output:** `[]`  
**Explanation:** There is no way to express 4 as the sum of 3 consecutive integers.

Constraints:

- `0 <= num <= 1015`

C++   

```
1 class Solution {
2 public:
3     vector<long long> sumOfThree(long long num) {
4
5     }
6 };
```

☐ Custom Testcase

Use Example Testcases

Run

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