

LeetCode

Explore

Problems

Interview^{New}

Contest

Discuss

Store

October LeetCode Challenge 2021

Premium

Description

Solution

Discuss (999+)

Submissions

i

Java

Autocomplete

i

{ }

↺

⌚

⌕

198. House Robber

Medium 8715 215 Add to List Share

You are a professional robber planning to rob houses along a street. Each house has a certain amount of money stashed, the only constraint stopping you from robbing each of them is that adjacent houses have security systems connected and **it will automatically contact the police if two adjacent houses were broken into on the same night**.

Given an integer array `nums` representing the amount of money of each house, return *the maximum amount of money you can rob tonight **without alerting the police***.

Example 1:

Input: `nums = [1,2,3,1]`
Output: 4
Explanation: Rob house 1 (money = 1) and then rob house 3 (money = 3). Total amount you can rob = 1 + 3 = 4.

Example 2:

Input: `nums = [2,7,9,3,1]`
Output: 12
Explanation: Rob house 1 (money = 2), rob house 3 (money = 9) and rob house 5 (money = 1). Total amount you can rob = 2 + 9 + 1 = 12.

Constraints:

- `1 <= nums.length <= 100`
- `0 <= nums[i] <= 400`

Accepted 836,940 Submissions 1,872,449

Seen this question in a real interview before?

Companies

Related Topics

Similar Questions

```
1 class Solution {
2     public int rob(int[] nums) {
3
4     }
5 }
```

Problems

Pick One

< Prev

198/2031

Next >

Console

Contribute i

Run Code ^

Submit