# 198. House Robber

Medium 9558 229 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`

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Seen this question in a real interview before? Yes No

```
1  class Solu
2  public:
3      int re
   int idx, v
4          if
   return 0;
5
6          if
7
8
9          dp
   max(nums[i
   dp), rec(r
10
11         re
12     }
13
14     int rc
   {
15         ve
   dp(nums.si
16         re
   dp);
17     }
18 };
```

Your previous code wa