

747. Min Cost Climbing Stairs

Difficulty : Easy

<https://leetcode.com/problems/min-cost-climbing-stairs>

You are given an integer array `cost` where `cost[i]` is the cost of i^{th} step on a staircase. Once you pay the cost, you can either climb one or two steps.

You can either start from the step with index 0, or the step with index 1.

Return *the minimum cost to reach the top of the floor*.

Example 1:

Input: `cost = [10,15,20]`

Output: 15

Explanation: You will start at index 1.

- Pay 15 and climb two steps to reach the top.

The total cost is 15.

Example 2:

Input: `cost = [1,100,1,1,1,100,1,1,100,1]`

Output: 6

Explanation: You will start at index 0.

- Pay 1 and climb two steps to reach index 2.

- Pay 1 and climb two steps to reach index 4.

- Pay 1 and climb two steps to reach index 6.

- Pay 1 and climb one step to reach index 7.

- Pay 1 and climb two steps to reach index 9.

- Pay 1 and climb one step to reach the top.

The total cost is 6.

Constraints:

- $2 \leq \text{cost.length} \leq 1000$
- $0 \leq \text{cost}[i] \leq 999$