

TC2017 Análisis y Diseño de Algoritmos

Momento 3I – Min Cost Climbing Stairs (leetcode 746)

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Forma de Trabajo: *Individual*.

Forma de Entrega: Subir a Blackboard el código de tu solución y un archivo con la pantalla de Aceptado en la plataforma de leetcode

*El presente problema pertenece a LeetCode Online Judge (<https://leetcode.com>)*

## 746. Min Cost Climbing Stairs

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

On a staircase, the  $i$ -th step has some non-negative cost  $\text{cost}[i]$  assigned (0 indexed).

Once you pay the cost, you can either climb one or two steps. You need to find minimum cost to reach the top of the floor, and you can either start from the step with index 0, or the step with index 1.

### Example 1:

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

**Output:** 15

**Explanation:** Cheapest is start on `cost[1]`, pay that cost and go to the top.

### Example 2:

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

**Output:** 6

**Explanation:** Cheapest is start on `cost[0]`, and only step on 1s, skipping `cost[3]`.

### Note:

1. `cost` will have a length in the range  $[2, 1000]$ .
2. Every `cost[i]` will be an integer in the range  $[0, 999]$ .