

TC1018 – Estructuras de Datos

Momento de Práctica 3 – Odd Even Linked List (leetcode 328)

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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>)

Odd Even Linked List

URL: <https://leetcode.com/problems/odd-even-linked-list/description/>

Given a singly linked list, group all odd nodes together followed by the even nodes. Please note here we are talking about the node number and not the value in the nodes.

You should try to do it in place. The program should run in $O(1)$ space complexity and $O(\text{nodes})$ time complexity.

Example:

Given 1->2->3->4->5->NULL,
return 1->3->5->2->4->NULL.

Note:

The relative order inside both the even and odd groups should remain as it was in the input. The first node is considered odd, the second node even and so on ...