339. Nested List Weight Sum Premium

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You are given a nested list of integers `nestedList`. Each element is either an integer or a list whose elements may also be integers or other lists.

The **depth** of an integer is the number of lists that it is inside of. For example, the nested list `[1,[2,2],[[3],2],1]` has each integer's value set to its **depth**.

Return *the sum of each integer in* `nestedList` *multiplied by its* ***depth***.

Example 1:

> **Input:** nestedList = [[1,1],2,[1,1]]
> **Output:** 10
> **Explanation:** Four 1's at depth 2, one 2 at depth 1. 1*2 + 1*2 + 2*1 + 1*2 + 1*2 = 10.

Example 2:

> **Input:** nestedList = [1,[4,[6]]]
> **Output:** 27
> **Explanation:** One 1 at depth 1, one 4 at depth 2, and one 6 at depth 3. 1*1 + 4*2 + 6*3 = 27.

Example 3:

> **Input:** nestedList = [0]
> **Output:** 0

Constraints:

- `1 <= nestedList.length <= 50`
- The values of the integers in the nested list is in the range `[-100, 100]`.
- The maximum **depth** of any integer is less than or equal to `50`.

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