

## Problem Statement

Write a function that takes in a "special" array and returns its product sum.

A "special" array is a non-empty array that contains either integers or other "special" arrays. The product sum of a "special" array is the sum of its elements, where "special" arrays inside it are summed themselves and then multiplied by their level of depth.

The depth of a "special" array is how far nested it is.

For instance, the depth of `[]` is 1;

the depth of the inner array in  `[[] ]` is 2;

the depth of the innermost array in  `[ [ [ ] ] ]` is 3.