Our Solution(s) Run Code

Solution 1

```cpp
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#include <any>
#include <vector>

using namespace std;

// O(n) time | O(d) space - where n is the total number of elements in
// array, including sub-elements, and d is the greatest depth of "spec
// arrays in the array
int productSum(vector<any> array, int multiplier = 1) {
  int sum = 0;
  for (auto el : array) {
    if (el.type() == typeid(vector<any>)) {
      sum += productSum(any_cast<vector<any>>(el), multiplier + 1);
    } else {
      sum += any_cast<int>(el);
    }
  }
  return sum * multiplier;
}

```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```cpp
#include <any>
#include <vector>

using namespace std;

int productSum(vector<any> array) {
  // Write your code here.
  return -1;
}

```

Our Tests

Custom Output Submit Code

Run or submit code when you're ready.