

BACK

alternatingSums



DESCRIPTION

SOLUTIONS 17612

COMMENTS 25



CODEWRITING

SCORE: 300/300

Several people are standing in a row and need to be divided into two teams. The first person goes into *team 1*, the second goes into *team 2*, the third goes into *team 1* again, the fourth into *team 2*, and so on.

You are given an array of positive integers - the weights of the people. Return an array of two integers, where the first element is the total weight of *team 1*, and the second element is the total weight of *team 2* after the division is complete.

### Example

For `a = [50, 60, 60, 45, 70]`, the output should be  
`alternatingSums(a) = [180, 105]`.

### Input/Output

- [execution time limit] 4 seconds (js)
- [input] array.integer a

*Guaranteed constraints:*

$1 \leq a.length \leq 10$ ,  
 $45 \leq a[i] \leq 100$ .

- [output] array.integer

### [JavaScript (ES6)] Syntax Tips

```
// Prints help message to the console
// Returns a string
function helloWorld(name) {
    console.log("This prints to the console when you Run Tests");
    return "Hello, " + name;
}
```

