

<https://course.acciojob.com/idle?question=4125e49c-5ff1-4805-8fc1-5844f7290107>

• EASY

• Max Score: 30 Points

## Sum of several arrays

You will be given an array of several arrays that each contain integers and your goal is to write a function that will sum up all the numbers in all the arrays. For example, if the input is `[[3, 2], [1], [4, 12]]` then your program should output 22 because  $3 + 2 + 1 + 4 + 12 = 22$

### Input Format

An array containing arrays that can contain any number of elements.

### Output Format

Sum of all the elements in all of the arrays.

### Example 1

Input

```
[[3, 2], [1], [4, 12]]
```

Output

22

Explanation

$3 + 2 + 1 + 4 + 12 = 22$

### Constraints

$1 \leq n \leq 10^5$

## Topic Tags

- Javascript

# My code

```
// in java
const readline = require('readline');
const rl = readline.createInterface({
  input: process.stdin,
  output: process.stdout,
  terminal: false
});

rl.on('line', function(line){
  sum_array(JSON.parse(line))
})

function sum_array(arr) {
  // write code here
  // use console.log for displaying the output
  var sum = 0;
  for (var i = 0; i < arr.length; i++) {
    for (var j = 0; j < arr[i].length; j++) {
      sum += arr[i][j]; } }
  console.log(sum);
}
```