

## Hell Triangle

Given a triangle of numbers, find the global maximum total from top to bottom

Example:

```
  6
 3 5
9 7 1
4 6 8 4
```

In this triangle the maximum total is  $6 + 5 + 7 + 8 = 26$ . An element can only be summed with one of the two nearest elements in the next row so the element 3 in row 2 can be summed with 9 and 7, but not with 1.

Choose the programming language you want... let us know about why is that your choice.

Your code will receive an (multidimensional) array as input. The triangle from above would be:

```
example = [[6],[3,5],[9,7,1],[4,6,8,4]]
```

What is important for us (in this order) :

- correctness
- code readability
- automated tests
- computational complexity