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# Min and Max 🏠



# Your Min and Max submission got 20.00 points.

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**Problem** Submissions Leaderboard Editorial 🖰

import numpy

```
my_array = numpy.array([[2, 5],
                  [3, 7],
                   [1, 3],
                   [4, 0]])
print numpy.min(my_array, axis = 0)
                                        #Output : [1 0]
print numpy.min(my_array, axis = 1)
                                        #Output : [2 3 1 0]
print numpy.min(my_array, axis = None)
                                         #Output: 0
print numpy.min(my_array)
                                        #Output: 0
```

By default, the axis value is None. Therefore, it finds the minimum over all the dimensions of the input array.

The tool max returns the maximum value along a given axis.

The tool *min* returns the minimum value along a given axis.

import numpy my\_array = numpy.array([[2, 5], [3, 7], [1, 3], [4, 0]]) print numpy.max(my\_array, axis = 0) #Output : [4 7] print numpy.max(my\_array, axis = 1) #Output : [5 7 3 4] print numpy.max(my\_array, axis = None) #Output: 7 print numpy.max(my\_array) #Output: 7

By default, the axis value is None. Therefore, it finds the maximum over all the dimensions of the input array.

### Task

You are given a 2-D array with dimensions NX $m{M}$ .

Your task is to perform the min function over axis  $\bf 1$  and then find the max of that.

### **Input Format**

The first line of input contains the space separated values of  $m{N}$  and  $m{M}$ .

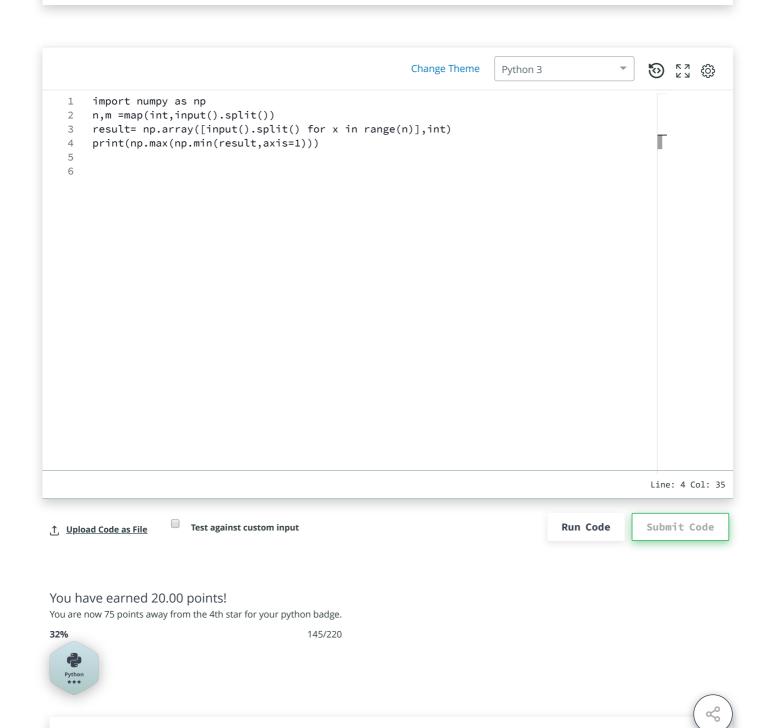
The next  $m{N}$  lines contains  $m{M}$  space separated integers.

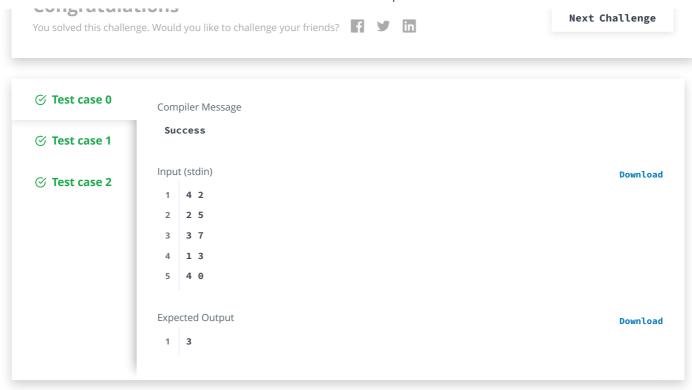
## **Output Format**

Compute the min along axis  ${f 1}$  and then print the max of that result.









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