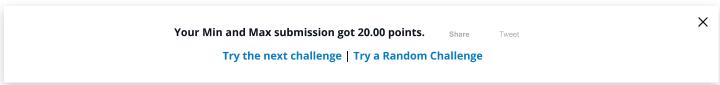
Min and Max ★



Q



Problem Submissions Leaderboard Editorial 🖰 min 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]]) #Output : [1 0] print numpy.min(my_array, axis = 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. max The tool max returns the maximum 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 $oldsymbol{1}$ 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

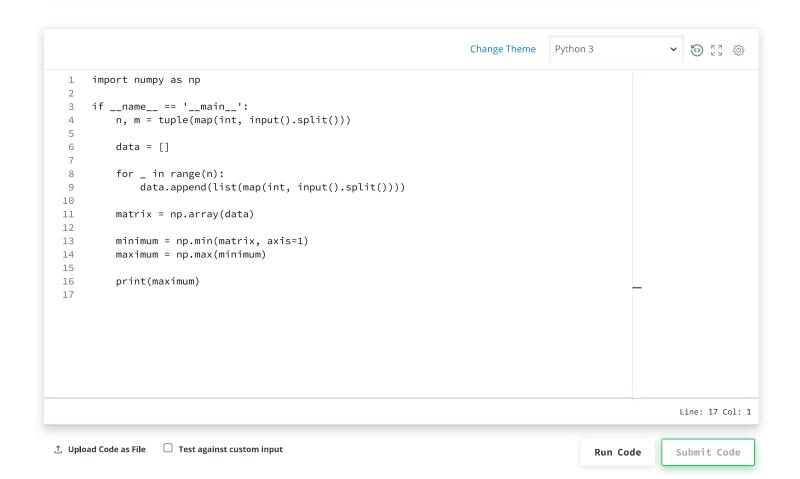
Compute the min along axis ${f 1}$ and then print the max of that result.

Sample Input

```
4 2 2 5 3 7 1 3 4 0  

Sample Output 3  

Explanation  
The min along axis 1 = [2, 3, 1, 0]  
The max of [2, 3, 1, 0] = 3
```



You have earned 20.00 points! 72/115 challenges solved.

63%



Congratulations

Next Challenge

You solved this challenge. Would you like to challenge your friends?

Compiler Message
Success

Input (stdin)
1 4 2
2 2 5
3 3 7
4 1 3
5 4 0

Expected Output
Download

1 3

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