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#### min

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

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.

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  $N \times M$ .

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  ${\it N}$  and  ${\it M}$ .

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

# **Output Format**

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

# Sample Input

4 2

2 53 7

Sample Output

3

# Explanation

```
The min along axis \mathbf{1} = [2, 3, 1, 0]
```

The max of [2, 3, 1, 0] = 3

```
change Theme Language Python 3

import numpy as np

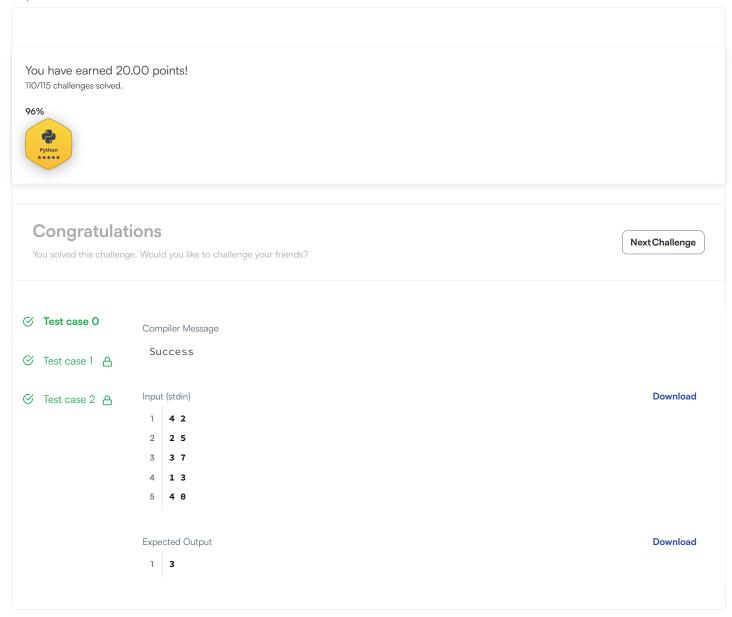
n, m = map(int, input().split())
arr = np.array([input().split() for _ in range(n)], int)

row_min = np.min(arr, axis=1)
print(np.max(row_min))
```

EMACS Line: 7 Col: 23

1 Upload Code as File Test against custom input

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