# Min and Max



#### 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 1 and then find the max of that.

### **Input Format**

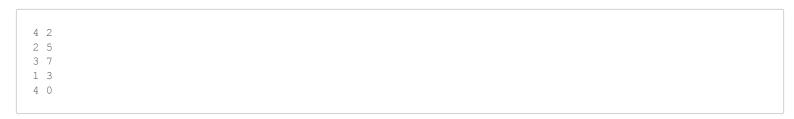
The first line of input contains the space separated values of  ${\it N}$  and  ${\it M}$ .

The next N lines contains M space separated integers.

### **Output Format**

Compute the min along axis 1 and then print the max of that result.

# **Sample Input**



# **Sample Output**

3

# **Explanation**

The  $\emph{min}$  along axis  $\mathbf{1}=[2,3,1,0]$  The  $\emph{max}$  of [2,3,1,0]=3