

## Algorithm

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Step 1: Start  
Initialize  $big \leftarrow 0$

Step 2: Read rows and columns

Step 3: Read elements of matrix  
Repeat for  $i=0; i < rows; i++$   
for  $j=0; j < cols; j++$   
Read  $arr[i][j]$

Step 4: Print matrix.  
Repeat for  $i=0; i < rows; i++$   
for  $j=0; j < cols; j++$   
Print  $arr[i][j]$

Step 5: Maximum element in row  
Repeat for  $i=0; i < rows; i++$   
for  $j=0; j < cols; j++$   
if  $big < arr[i][j]$   
     $big = arr[i][j]$   
Print  $i+1$  and  $big$ .  
Initialize  $big = 0$ .

Step 6: Minimum element in column.  
Repeat for  $i=0; i < cols; i++$   
for  $j=0; j < rows; j++$   
if  $big < arr[i][j]$   
     $big = arr[i][j]$   
Print  $i+1$  and  $big$ .  
Initialize  $big \leftarrow 0$

Step 7: Stop.

# Flowchart



