Задание 1

n=int(input())

m=int(input())

sr=0

st=0

max=0

a = [[int(j) for j in input().split()] for i in range(n)]

for i in range(n):

for j in range(m):

if a[i][j]>max:

max=a[i][j]

sr=i

st=j

print(sr, st)

Задание 2

n = int(input())

j,t = int(n-1),int((n-1)/2)

a = [['.'] \* t + ['\*'] + ['.'] \* t for i in range(n)]

a[t] = ['\*'] \* n

for i in range(n):

a[i][i] = '\*'

a[j][i] = '\*'

j -= 1

for row in a:

print(' '.join([str(elem) for elem in row]))

Задание 3

n=int(input())

m=int(input())

a = [['.\*'[(j + i) % 2] for j in range(m)] for i in range(n)]

for row in a:

print(' '.join([str(i) for i in row]))

Задание 4

n=int(input())

a=[[int(j) for j in range(n)]for i in range(n)]

for i in range(n):

a[i][i]=0

for i in range(n):

for j in range(n):

a[i][j]=abs(j-i)

for row in a:

print(' '.join([str(i) for i in row]))

Задание 5

n=int(input())

a=[[int(j) for j in range(n)]for i in range(n)]

for i in range(n):

for j in range(n):

if i+j==n-1:

a[i][j]=1

else:

if i+j<n:

a[i][j]=0

else:

a[i][j]=2

for row in a:

print(' '.join([str(i) for i in row]))

Задание 6

n=int(input())

m=int(input())

a=[[int(j) for j in input().split()] for i in range(n)]

x=int(input())

y=int(input())

o=0

for i in range(n):

o=a[i][x]

a[i][x]=a[i][y]

a[i][y]=o

for row in a:

print(' '.join([str(i) for i in row]))