

Daily Challenge

Happy Coding from necse



SkillRack

Largest Elements - Rows And Columns

Given a matrix of size $N \times N$ as input, the program must print the largest integer of each row and of each column.

Boundary Condition(s):

$2 \leq N \leq 50$

Input Format:

The first line contains the value of N .

The next N lines contain the elements of the matrix.

Output Format:

The first line contains the largest element of each row separated by space.

The second line contains the largest element of each column separated by space.

Example Input/Output 1:

Input:

```
3
1 2 3
4 5 6
7 8 9
```

Output:

```
3 6 9
7 8 9
```

Example Input/Output 2:

Input:

```
4
3 5 8 9
5 2 4 8
5 1 3 4
0 1 2 3
```

Output:

```
9 8 5 3
5 5 8 9
```

Max Execution Time Limit: 5000 millisecs

Ambiance

Java (12.0)



```

1 import java.util.*;
2 public class Hello {
3
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6         int n = sc.nextInt();
7
8         int maxR[] = new int[n];
9         int maxC[] = new int[n];
10
11
12         for(int i=0;i<n;i++){
13             for(int j=0;j<n;j++){
14                 int k = sc.nextInt();
15                 maxR[i]=Math.max(maxR[i],k);
16                 maxC[j]=Math.max(maxC[j],k);
17             }
18         }
19
20         for(int i:maxR) System.out.print(i+" ");
21         System.out.println();
22
23         for(int i:maxC) System.out.print(i+" ");
24
25     }
26 }

```

1912067@nec

Code did not pass the execution

Input:

```

3
1 2 3
4 5 6
7 8 9

```

Expected Output:

```

3 6 9
7 8 9

```

Your Program Output:

```

3 6 9
7-8-9-

```

Save

Run