Code, Compile & Run

Ide

Contest Code/Name (e.g. JULY15/PRACTICE) Problem Code/Name (e.g. TEST) Select

C (gcc 6.3) Code gets autosaved every second

```
1  #include <stdio.h>
2  int main()
3  {
4  int m,n,c,d,matrix[100][100],maximum;
5  printf("Enter the number of rows and columns of matrix\n");
6  scanf("%d%d",&m,&n);
7  printf("Enter the elements of the matrix\n");
8  for(c=0;c<m;c++)
9  for(d=0;d<n;d++)
10 scanf("%d",&matrix[c][d]);
11 maximum=matrix[0][0];
12 for(c=0;c<m;c++)
13 for(d=0;d<n;d++)
14 if(matrix[c][d]>maximum)
15 maximum=matrix[c][d];
16 printf("Maximum element in the matrix is %d\n",maximum);
17 return 0;
18 }
19
20
21
22
```

3:4

Open File ✓Custom Input Run

Custom Input

```
2 2
10 20
30 40
```

Status Successfully executed **Date** 2020-06-14 10:04:01 **Time** 0 sec **Mem** 9.424 kB

Input

```
2 2
10 20
30 40
```

Output

```
Enter the number of rows and columns of matrix
Enter the elements of the matrix
Maximum element in the matrix is 40
```

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(i) Algorithm :

Step 1 : Start

step 2 : Input the order of the matrix

step 3 : Input the matrix elements

step 4 : For row = 0 to n - 1

step 5 : Find the maximum element in the row & insert the element in an array

step 6 : Print the array

step 7 : stop.

(ii) Flowchart