



codechef.com/signup



prajna123



prajnabhandary15@gmail.com

☒ Female ☐ Male ☐ Other

undefined, Karnataka, India

☒ Student ☐ Professional ☐ Other

Alvas Institute of Engineering and



2020 ▼

C(gcc 6.3) ▼

☒ Send me newsletter & contest invitations.☒ I abide by [CodeChef's Code Of Conduct](#).

Register

[CodeChef is a non-profit competitive](#)[About CodeChef](#) | [CEO's Corner](#) | [Contact Us](#)CodeChef uses SPOJ © by [Sphere Research Labs](#)In order to report copyright violations of any kind, send in an email to [copyright@codechef.com](mailto:copyright@codechef.com)**CodeChef** - A Platform for Aspiring Programmers

# CodeChef was created as a platform

# Code, Compile & Run

ide ✕ +

C++14 (gcc 6.3) ⓘ ⬇️ ↶ ⚙️

```
1 #include <stdio.h>
2 int main()
3 {
4     int m, n, c, d, matrix[100][100], maximum;
5
6     printf("Enter the number of rows and columns of matrix\n");
7     scanf("%d%d", &m, &n);
8
9     printf("Enter the elements of the matrix\n");
10
11     for (c = 0; c < m; c++)
12         for (d = 0; d < n; d++)
13             scanf("%d", &matrix[c][d]);
14
15     maximum = matrix[0][0];
16
17     for (c = 0; c < m; c++)
18         for (d = 0; d < n; d++)
19             if (matrix[c][d] > maximum)
20                 maximum = matrix[c][d];
21
22     printf("Maximum element in the matrix is %d\n", maximum);
23
24     return 0;
25 }
26
```

0.1 ⓘ

Open File

✓ Custom Input

Run

Custom Input

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

Status Successfully executed Date 2020-06-14 05:07:56 Time 0 sec Mem 15.232 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
```

C Program to find maximum elements in a row and column

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 elements in the row and insert the element in an array

Step 6: Find the array

Step 7: Stop

Flowchart:-

