

# Read and Display 2D Array in C

Problem

Submissions

Leaderboard

Discussions

Write a C Program to read a 2D Array and then display it.

## Input Format

- First line specifies the **no: of rows** (m) and the **no: of columns** (n) in the 2D Array.
- Second line contains m\*n integers that signify the **values** for the array.

## Constraints

None

## Output Format

2D array of  $m*n$  integers.

## Sample Input 0

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

## Sample Output 0

```
6 3 7
1 4 5
```

## Explanation 0

Given it has order 2\*3. So, 2 rows and 3 columns. So,

- position [0,0] has value 6.
- position [0,1] has value 3.
- position [0,2] has value 7.
- position [1,0] has value 1.
- position [1,1] has value 4.
- position [1,2] has value 5.

[f](#) [t](#) [in](#)

Submissions: 37

Max Score: 10

Difficulty: Medium

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C



```
1 #include <stdio.h>
2
3 int main()
4 {
5     int arr[30][30], i, j, m, n;
6     scanf("%d%d", &m, &n);
7     for (i=0; i<m; i++)
8     {
9         for (j=0; j<n; j++)
10        {
```

```
11 ▼
12 ▼         scanf("%d",&arr[i][j]);
13     }
14 }
15
16 for(i=0;i<m;i++)
17 {
18
19     for (j=0;j<n;j++)
20     {
21         printf("%d ",arr[i][j]);
22     }
23     printf("\n");
24 }
25 return 0;
26 }
27
```

Line: 1 Col: 1

 [Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code

Testcase 0 

**Congratulations, you passed the sample test case.**

Click the **Submit Code** button to run your code against all the test cases.

Input (stdin)

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

Your Output (stdout)

```
6 3 7
1 4 5
```

Expected Output

```
6 3 7
1 4 5
```