2D Arrays in C++

Assignment Questions





Assignment Questions



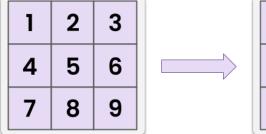
Q1 - Given a 2D matrix with m rows and n columns containing integers, find and print the maximum value present in the array.

(Easy)

```
m=3
n=3
arr[] = {{1,2,3}, {4,5,6}, {7,8,9}}
Output: 9
```

Q2 - You are given a n*n square matrix, you need to rotate the matrix by 90 degrees in clockwise direction. You need to do it in-place i.e. you are not allowed to make a new matrix and allocate the elements to it. Make the changes in the same matrix and print it.

(Medium)



7	4	1
8	5	2
9	6	3

Q3 - Given a m*n integer matrix. If an element of the matrix is 0 then set the complete row and column of that element to 0. Make the changes inplace and print the matrix.

(Hard)