

4AL19IS053

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1) C program to find maximum element in row & column

= Algorithm

Step 1:- Start

Step 2:- read m, c

Step 3:- Enter the elements

```
for ( $i=0$ ;  $i < m$ ;  $i++$ )  
{  
    for ( $j=0$ ;  $j < c$ ;  $j++$ )  
        read  $a[i][j]$   
}
```

Step 4:- print the entire element
 $a[i][j]$

Step 5:- for ($i=0$; $i < m$; $i++$)

```
{  
    max =  $a[i][0]$   
    for ( $j=0$ ;  $j < c$ ;  $j++$ )  
    {
```

```
        if ( $a[i][j] > \text{max}$ )  
        {
```

```
             $\text{max} = a[i][j]$   
        }
```

```
    }
```

```
}
```

```
}
```

Step 6:- for ($i=0$; $i < 2$; $i++$)

```
{
```

```
    print  $i, \text{max}[i]$ 
```

```
}
```

Step 7:- Stop.

Flow Chart

