

C program to find maximum element in a row and column

Algorithm:

Step 1: Start

Step 2: Declare Array Size, Initialize $\text{Max} = 0$;

Step 3: Read Array elements using for loop

Step 4: Condition for Row. Max

```
for (r=0; r<Size; r++)  
{  
    for (c=0; c<Size; c++)  
    {  
        Max = a[r][c];  
    }  
    4.1 printf ("Max Row")  
}
```

Step 5: Condition for Column matrix

```
for (r=0; r<Size; r++)  
{  
    for (c=0; c<Size; c++)  
    {  
        Max = a[r][c];  
    }  
    5.1 printf ("Max Column")  
}
```

Step 6: Stop

Flowchart:

