C Program to find maximum element in row and column.

Algorithm

Step 1: start

Step 2: input $a[25][25]$, $max[25]$, i, j, min

Step 3: for $(i=0; i<m; i++)$

Step 4: for $(j=0; j<n; j++)$

Step 5: $a[i][j]$

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

Step 7: for $(j=0; j<n; j++)$

Step 8: if $(a[i][j] > max[i])$

Step 9: $max[i] = a[i][j]$

Step 10: $max[i] = a[j][i]$

Step 11: output max of row max of column

Step 12: stop

Flowchart

```
        (start)
           |
   [Input a[25][25], max[25], i, j,
              min]
           |
   <for(i=0; i<m; i++)>------False
           |True
   <for(j=0; j<n; j++)>      False
           |True
        [a[i][j]]
           |
   <for(i=0; i<m; i++)>------False
           |True
   <for(j=0; j<n; j++)>      False
           |
       <a[i][j] >      --->  max[i] = a[j][i]
        max[i]>             max[i] = a[i][j]
           |
      [Print max of row
       max of column.]
           |
        (stop)
```