```c
#include <stdio.h>
int main()
{
    int m, n, i, j, a[100][100], max[100];

    printf("Enter the number of rows and columns of matrix\n"
    scanf("%d\t%d",&m,&n);
    printf("%d\t%d\n",m,n);
    printf("Enter the elements of the matrix\n");
    for (i = 0; i< m; i++)
    {
    for(j= 0; j < n; j++)
    {
       scanf("%d", &a[i][j]);
       printf("%d\t",a[i][j]);
    }
    printf("\n");
    }
    for (i = 0; i < m; i++)
    {
       for (j = 0; j < n; j++)
       {
         if (a[i][j] > max[i])
           max[i] = a[i][j];
       }
    }
    for(i=0;i<m;i++)
    {

         printf("Maximum element in the row %d is\n",i+1);
        printf("%d\n",max[i]);
    }
      for(i=0;i<n;i++)
      {
          for(j=0;j<m;j++)
          {
              if(a[j][i]>max[i]);
              max[i]=a[j][i];
          }
      }
      for(i=0;i<n;i++)
      {
          printf("maximum element in the column %d is\n",i+1)
          printf("%d\n",max[i]);
      }
    return 0;
```

Open File

Custom Input

```
3 3
1 5 6 4 8 2 4 9 3
```

Status Successfully executed   **Date** 2020-06-14 14:09:04   **Ti**

Input

```
3 3
1 5 6 4 8 2 4 9 3
```

Output

```
Enter the number of rows and columns of matrix
3    3
Enter the elements of the matrix
1    5    6
4    8    2
4    9    3
Maximum element in the row 1 is
```

Custom Input

```
3 3
1 5 6 4 8 2 4 9 3
```

Input

```
3 3
1 5 6 4 8 2 4 9 3
```

Output

```
6
Maximum element in the row 2 is
8
Maximum element in the row 3 is
9
maximum element in the column 1 is
4
```