GAYATHRI

4AL19CS035

Algorithm

Step1: Start

Step2: Input m, n

Step3: Display Enter the Elements of the matrix
For(i=0; i<m; i++)
For(j=0; j<n; j++)
Input a[i][j]

Step4: For(i=0; i<m; i++)
For(j=0; j<n; j++)
If (a[i][j] > max[i])
max[i] = a[i][j]

Step5: For(i=0; i<m; i++)
Display maximum Element in the row
output max[i]

Step6: For(i=0; i<n; i++)
For(j=0; j<m; j++)
If (a[j][i] > max[i])
max[i] = a[j][i]

Step7: For(i=0; i<n; i++)
Display maximum Element in the column
output max[i]

Step8: Stop

Flowchart