

F Section

C Program to find Row sum and column sum

Algorithm

Step 1: Start

Step 2: Input m, n

Step 3: Initialize sum = 0

Step 4: Enter the coefficients of the matrix

Step 4.1: for (i=0; i<m; i++)

Step 4.2: for (j=0; j<n; j++)

Step 4.3: read array[i][j]

Step 4.4: Repeat 4.1, 4.2, 4.3 until the condition becomes false

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

Step 5.1: for (j=0; j<n; j++)

Step 5.2: sum = sum + array[i][j]

Step 5.3: Repeat 5.1 and 5.2 until the condition becomes false

Step 5.4: print row sum

Step 5.5: sum = 0

Step 5.6: Repeat step 5 until condition becomes false

Step 6: sum = 0

Step 6.1: for (j=0; j<n; j++)

Step 6.1: for (i=0; i<m; i++)

Step 6.2: sum = sum + array[i][j]

Step 6.3: Repeat 6.1 and 6.2 until condition becomes false

Step 6.4: print column sum, sum = 0

Step 6.5: Repeat step 6 until condition becomes false

Step 6.6: sum = 0

Step 7: Stop

Flowchart

