

write a program to find sum of rows & column in matrix

→ Algorithm

Step 1 : start

Step 2 : Input m, n

Step 3 : Display enter the matrix

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

Input  $a[i][j]$

Step 4 : for( $i=0; i < m; i++$ )

$rsum = 0$

    for( $i=0; i < n; i++$ )

$rsum = rsum + a[i][j]$

    Display sum of the i-th row is

    output  $rsum$

Step 5 : for( $j=0; j < n; j++$ )

$csum = 0$

    for( $i=0; i < m; i++$ )

$csum = csum + a[i][j]$

    Display sum of the j-th column is

    output  $csum$

Step 6 : Stop.

# Flowchart

