

C program to implement sum of each row and column in a matrix.

Algorithm:

1. Start

2. Input n

3. Repeat through  
Step 3.

for  $i=0; i<n; i++$

3.1 for  $j=0; j<n; j++$

input  $a[i][j]$

4. Repeat through step 4

for  $i=0; i<n; i++$

4.1 for  $j=0; j<n; j++$

print  $a[i][j]$

4.2. print "\n"

5. for  $i=0; i<n; i++$

5.1  $r\_sum = 0$

5.2 Repeat through step 5.2

for  $j=0; j<n; j++$

$r\_sum += a[i][j]$

5.3 print ~~through step 6~~

$r\_sum$ .

6. for  $i=0; i<n; i++$

6.1  $c\_sum = 0$

6.2 for  $i=0; i<n; i++$

$c\_sum += a[j][i]$

6.3 print  $c\_sum$ .

