

C program to implement Sum of each row and column in 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 for print  $r\_sum$

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  $c\_sum$ .

## Flowchart :

