

Sum of each row and columns 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. Repeat through step 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 r_sum
6. Repeat through step 6
 - for $i=0; i < n; i++$
 - 6.1 $c_sum = 0$
 - 6.2 Repeat through step 6.2
 - for $j=0; j < n; j++$

$c_sum + a[j][i]$
 - 6.3 print c_sum

flowchart

