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4AL19CS010

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 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.

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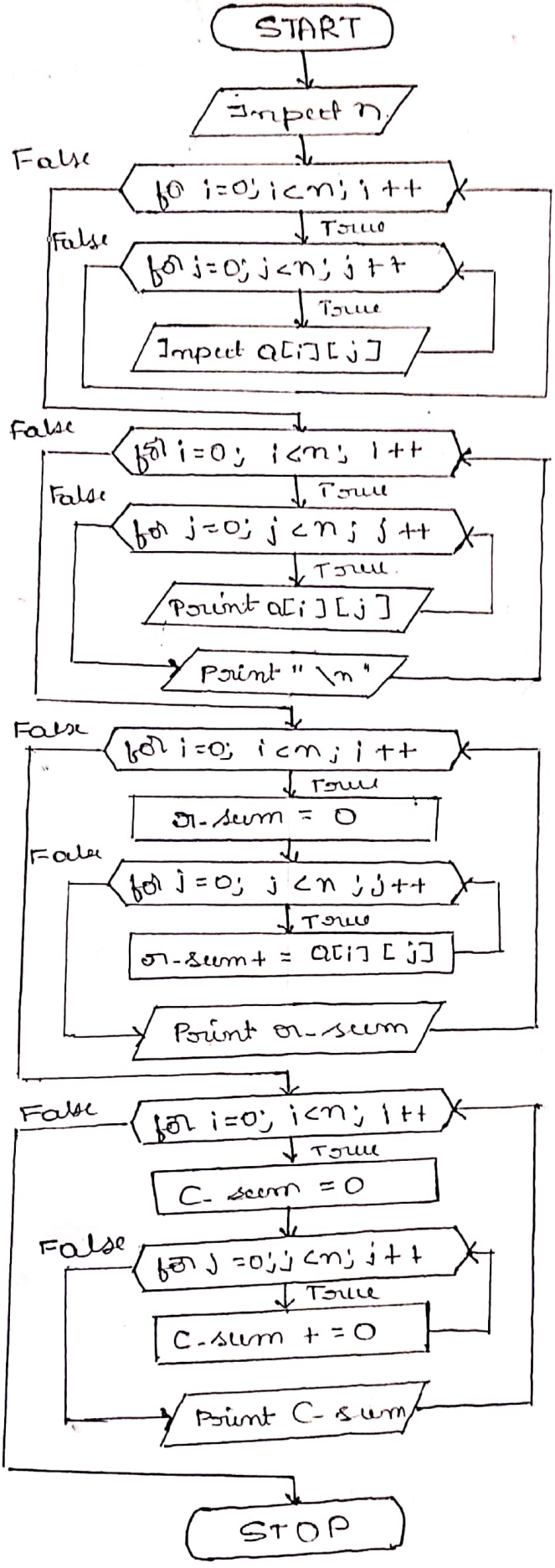
Flowchart



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