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C-section

Algorithm:-

1) Start.
2) Input m, n, order.
3) if (m == n)
   Enter coefficients
   for(i=0; i<m; i++)
   for(j=0; j<n;; j++)
4) array [i][j]
5) for(i=0; i<n; i++)
6) for(j=0; j<n; j++)
7) print "\n"
8) for(i=0; i<m; i++)
   sum = sum + array[i][j]
   a = a + array[i][m-i-1]
9) Output principal diagonal sum,
   secondary diagonal sum.
10) else
   Output not a square matrix.
11) Stop.

Flowchart


Start
Input m, n, order
if (m == n)
False
True
Enter coefficients
For (i=0; i<m; i++)
For (j=0; j<n; j++)
array [i][j]
For (i=0; i<m; i++)
For (j=0; j<n; j++)
print "\n"
For (i=0; i<m; i++)
Sum = Sum + array[i][i]
a = a + array[i][m-i-1]
Output principal and secondary diagonal sum
Output not a square matrix
STOP