

Algorithm

Step 1: start

Step 2: if (~~m~~ == n) Input m, n

Step 3: if (m == n)

Display .enter the coefficients of the matrix

for (i = 0; i < m; i++)

for (j = 0; j < n; j++)

Input a[i][j]

for (i = 0; i < m; i++)

sum = sum + a[i][j]

b = b + a[i][m-i-1]

Display sum of primary diagonal
matrix

output sum

Display sum of secondary diagonal
elements

output b

else

The given order is not square matrix

Step 4: stop.

