C perogram to implement matrix addition and subtrackion

Algorithm:

Step 1: Start

Stepa: Declare int m, n, i, j.

Int first [10][10], second [10][10], Sum [10][10], dif (10][10].

Step 3: Read m & n values

Step 4: Read the 1st matrix elements using for loop

Step 5: Read the 2nd matrix elements using for loop

Step 6: Logic for sum & dif

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

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

E sum [i][i] = first [i][i] + second [i][i]

dif[i][i] = first[i][i] - second [i][i]

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Step 7: Perint result using for Loop

Stef 8: Stop

Flowchart: (Start) Declare Int m, n, i, j Int first [n][n], second (n)[n], sum[n][n], dif[n][n] Read the m, n values Read the first [i][i] value Using for look Read the Second[i][i] value wing for loop fr (i=0; i<m; i++) fr(j=0; j<n; j++) Sum [i][i] = first[i][j] + second[i][j] dif[i][j]=first[i][j]-second[i][j] False. perint Sum[i][j] Print dif[i][f] Stop