

C program to implement matrix addition and subtraction

Algorithm:

Step 1: Start

Step 2: 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<m; i++)`

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

`{`
`sum[i][j] = first[i][j] + second[i][j]`

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

`}`

Step 7: Print result using for loop

Step 8: Stop

Flowchart:

