

C program to implement Matrix addition & subtraction

Algorithm:

1. Start

2. Input n & c

3. Repeat through step 3.

for ($i=0; i < n; i++$)

for ($j=0; j < c; j++$)

Input $a[i][j]$

4. Repeat through step 4

for ($i=0; i < n; i++$)

for ($j=0; j < c; j++$)

Input $b[i][j]$

5. Repeat through step 5

for ($i=0; i < n; i++$)

5.1 for ($j=0; j < c; j++$)

5.1 a) $m[i][j] = a[i][j] + b[i][j]$

5.1 b) Print $m[i][j]$

5.2 Print "\n"

6. Repeat through step 6

for ($i=0; i < n; i++$)

6.1 for ($j=0; j < c; j++$)

6.1 a) $m[i][j] = a[i][j] - b[i][j]$

6.1 b) Print $m[i][j]$

6.2 Print "\n"

7. Stop.

