

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.

i-flowchart

