

Program to implement matrix addition & subtraction

Algorithm

1. Start
2. Input n & c
3. Repeat through steps
 - for $i=0; i < n; i++$
 - for $j=0; j < c; j++$
 - Input $a[i][j]$
4. Repeat through step 3.
 - 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 $j=0; j < c; j++$
 - 5.1a) $m[i][j] = a[i][j] + b[i][j]$
 - 5.1b) Print $m[i][j]$
 - 5.2 ~~Print~~ Print "\n"
6. Repeat through step 5
 - for $i=0; i < n; i++$
 - 6.1 for $j=0; j < c; j++$
 - 6.1a) $m[i][j] = a[i][j] - b[i][j]$
 - 6.1b) Print $m[i][j]$
7. Stop

Flavobacterium

