

Prinson D'Souza

LAL19C5069

9 Sections

STUDENT'S NAME

CLASS

SUBJECT

ROLL NO.

DATE

C Program to implement Matrix addition and Subtraction

Algorithm:-

- 1) Start
- 2) Input n and 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 ($i=0; i < r; i++$)
for ($j=0; j < c; j++$)
Input $b[i][j]$
- 5) Repeat through steps
for ($i=0; i < r; i++$)
for ($j=0; j < c; j++$)
 $M[i][j] = a[i][j] + b[i][j]$
Print $m[i][j]$
Print "\n"
- 6) Repeat through step 6
for ($i=0; i < r; i++$)
for ($j=0; j < c; j++$)
 $M[i][j] = a[i][j] - b[i][j]$
Print $m[i][j]$
Print "\n"
- 7) stop

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Flowchart :-

