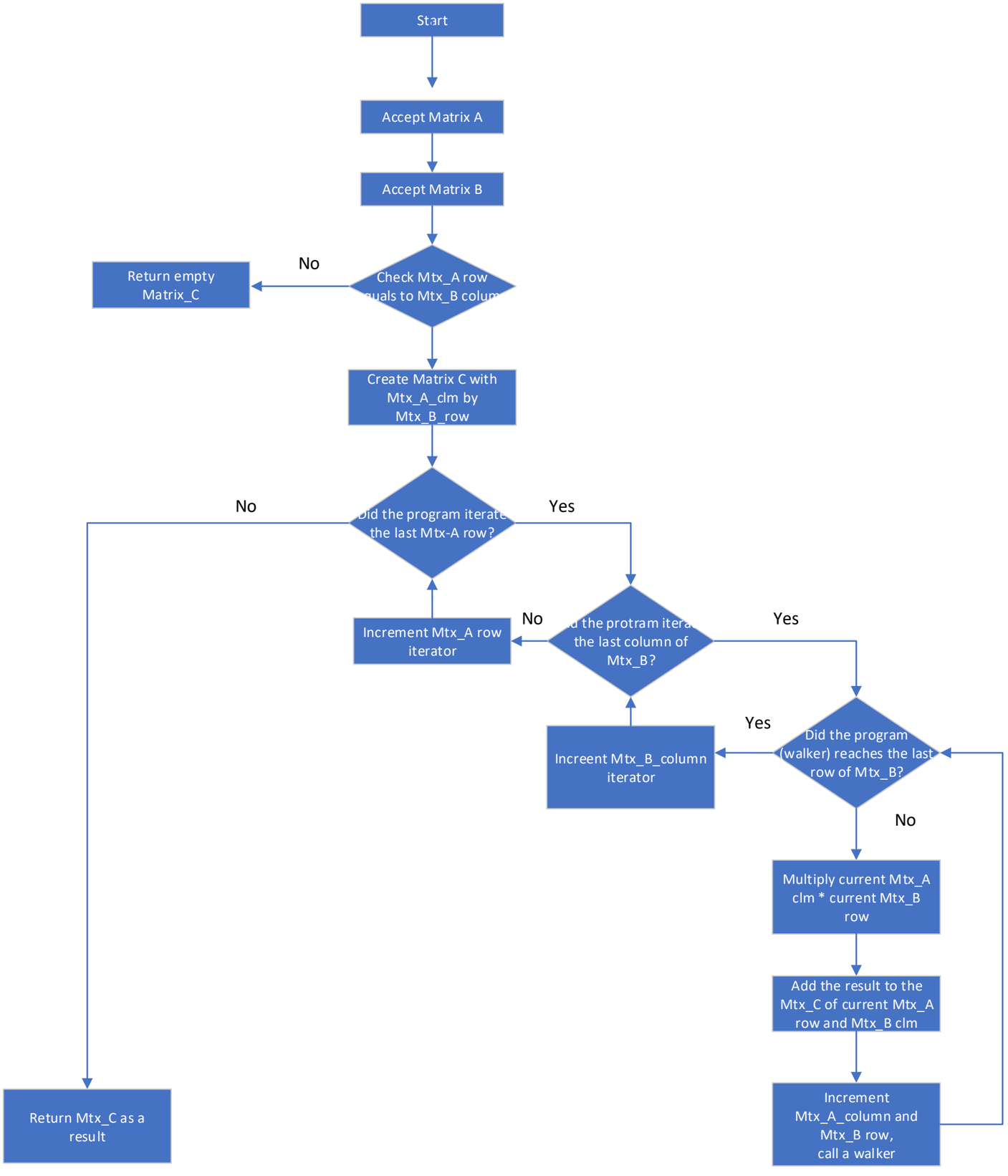
Start
Accept Matrix A
Accept Matrix B
Check Mtx_A row
uals to Mtx_B colum
No
Return empty
Matrix_C
Create Matrix C with
Mtx_A_clm by
Mtx_B_row
Did the program iterate
the last Mtx-A row?
No
Yes
Return Mtx_C as a
result
Increment Mtx_A row
iterator
No
u the protram itera
the last column of
Mtx_B?
Yes
Increent Mtx_B_column
iterator
Yes
Did the program
(walker) reaches the last
row of Mtx_B?
No
Multiply current Mtx_A
clm * current Mtx_B
row
Add the result to the
Mtx_C of current Mtx_A
row and Mtx_B clm
Increment
Mtx_A_column and
Mtx_B row,
call a walker

0. Start
1. Accept Matrix A call Mtx_A
2. Accept Matrix B call Mtx_B
3. Check Mtx_A column and Mtx_B column are equal.

   If not, return empty Matrix C
4. Create a new Matrix C call Mtx_C with Mtx_A column X Mtx_B row
5. Set loop which iterates from Mtx_A first row to Mtx_A last row
    a. Set loop which iterates from Mtx_B first column to last column
        i. Set loop which iterates from Mtx_A first column to Mtx_A last column
            - Multiple current Mtx_A column value by current Mtx_B row value
            - Store the result to Mtx_C index of current Mtx_A row and current Mtx_B column
            - Increment Mtx_A column and Mtx_B row
            - Back to i
6. Stop