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