Cyril Garcia Multiplying Matrices

conditions

- Number of columns equal number of rows

Rules

- Given mostrix A and matrix B, multiply each row from matrix A to the columns of matrix &
- Get the sum of the products

Trample

$$A = \begin{pmatrix} a & b \\ c & d \end{pmatrix} \qquad B = \begin{pmatrix} b & t \\ b & k \end{pmatrix}$$

3 x z



$$= (aI + bK) \qquad y = (eh + ff)$$

$$= (cF + dK) \qquad \Rightarrow = (eF + fK)$$

The goal is to take each row of A and append it to another temporary array and take each row of B and append it to another temporary array. Multiply each element of the array and return the sum of products.

$$A = \begin{bmatrix} cc & b \\ c & d \end{bmatrix} \quad B = \begin{bmatrix} h & t \\ J & K \end{bmatrix} \quad AB = \begin{bmatrix} w & V \\ V & Z \end{bmatrix}$$

$$3 \times 2 \quad 2 \times 2 \quad 3 \times 2$$

temp
$$A = [a, b]$$
 temp $B = [h, J]$

$$Sum = 0$$

Sum = Sum + (tempA[i] x tempB[i])

append sum to final result.

our results array Matrix AB will have 3 rous 2 columns.

I need to append the sum for each rows where

I will end up with on mxn matrix or 20 Anax.