Name _____ MacID _____ Student#_____

Compsci 1XC3 C01,C03
Quiz4 - L01
(30 min)

Write a short c program that multiplies two matrices. In your program, please initialize a 5x2 matrix `mxA`, initialize a second 2x4 matrix `mxB` as below, and compute their multiplication of `mxA` `mxB` and store the result in `mxResult`.

mxA $\begin{bmatrix} 3 & 1 \\ 5 & 1 \\ 4 & 9 \\ 2 & 6 \\ 5 & 3 \end{bmatrix}$

mxB $\begin{bmatrix} 3 & 1 & 4 & 1 \\ 5 & 9 & 2 & 6 \end{bmatrix}$

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	

Name _____ MacID _____ Student#_____

Compsci 1XC3 C01,C03
Quiz4 - L02
(30 min)

Write a short c program that multiplies two matrices. In your program, please initialize a 2x4 matrix `mxA`, initialize a second 4x4 matrix `mxB` as below, and compute their multiplication of `mxA` `mxB` and store the result in `mxResult`.

$$mxA = \begin{bmatrix} 3 & 1 & 4 & 1 \\ 5 & 9 & 2 & 6 \end{bmatrix} \qquad mxB = \begin{bmatrix} 3 & 1 & 4 & 1 \\ 5 & 9 & 2 & 6 \\ 5 & 3 & 5 & 8 \\ 9 & 7 & 9 & 3 \end{bmatrix}$$

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	

Name _____ MacID _____ Student#_____

Compsci 1XC3 C01,C03
Quiz4 - L03
(30 min)

Write a short c program that multiplies two matrices. In your program, please initialize a 2x5 matrix `mxA`, initialize a second 5x3 matrix `mxB` as below, and compute their multiplication of `mxA` `mxB` and store the result in `mxResult`.

$$mxA = \begin{bmatrix} 3 & 1 & 4 & 1 & 5 \\ 9 & 2 & 6 & 5 & 8 \end{bmatrix} \qquad mxB = \begin{bmatrix} 3 & 1 & 4 \\ 1 & 5 & 9 \\ 2 & 6 & 5 \\ 3 & 5 & 8 \\ 9 & 7 & 9 \end{bmatrix}$$

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	

Name _____ MacID _____ Student#_____

Compsci 1XC3 C01,C03
Quiz4 - L04
(30 min)

Write a short c program that multiplies two matrices. In your program, please initialize a 4x4 matrix `mxA`, initialize a second 4x3 matrix `mxB` as below, and compute their multiplication of `mxA` `mxB` and store the result in `mxResult`.

$$mxA = \begin{bmatrix} 3 & 1 & 4 & 1 \\ 5 & 9 & 2 & 6 \\ 5 & 3 & 5 & 8 \\ 9 & 7 & 9 & 3 \end{bmatrix} \qquad mxB = \begin{bmatrix} 3 & 1 & 4 \\ 1 & 5 & 9 \\ 2 & 6 & 5 \\ 3 & 5 & 8 \end{bmatrix}$$

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	