ASSIGNMENT

Chap 3: Assign: 3

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Instructions:

- **Complete These Codes ASAP!**
- **Ask Group leader For Help If It Is Really Needed.**
- **Complete This Assignment With Your Class Codes.**
- **Take necessary inputs from user!**

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Program 1: Write a C Program that has a two dimensional array of integers in it take number of rows and column from user, accept the elements from user too, and print the values.

Program 2: Write a C Program that has a two dimensional array of integers in it take number of rows and column from user, accept the elements from user too, and print the values. Manipulation of array using pointers is expected in this code!.

Program 3: Write a C Program that has a two dimensional array of integers in it take number of rows and column from user, accept the elements from user too, print addition of all elements, which are at corner of array.

Input:

1 2 3

4 5 6

7 8 9

Output: Sum of elements at corner is 20

Program 4: Write a C Program that has a two dimensional array of integers in it take number of rows and column from user, accept the elements from user too, print the multiplication of all diagonal elements of array.

Input:

1	2	3
4	5	6
7	8	9

Output : Multiplication Of Diagonal Elements is 45

Program 5: Write a C Program that have two, two dimensional arrays of integers in it take number of rows and column as 3, 3 respectively, accept the elements from user, Store the addition of these two matrixes into third two dimensional array and print it.

Program 6: Write a C Program that has a two dimensional array in it of order 3X3, take values from user to fill that array and check whether that Matrix{Array} is an Identity Matrix or Not.

{Note : An identity matrix is the one whose all diagonal elements are one's (1) and all non-diagonal elements are zero's (0) & number of Rows and column of that matrix has to be same}