CS 162C++
2D Array exercises

Summing from two-dimensional array

Create a two-dimensional integer array in main that is 4x5.

Write an input function that you pass the array into. It then asks the user for 20 numbers and fills the array with them.

Create a one-dimensional integer array in main of size 4.

Write a summing function that you pass the two arrays into. For each row in the first array, it places the sum of that row in the appropriate location in the second array.

Write an output function that takes your two arrays and outputs them. For each row it should list the elements of the first array in order, then it should show the sum of those values (from the second array), then it should show the average of those values

Multiplication table

For this exercise, you will create a two-dimensional integer array that is 10x10 in main.

Write a function that takes this array and fills it so that the first row is the multiples of one, the second row is the multiples of two, and so on.

Write an output function that displays the table, one row at a time. The numbers should be lined up in columns.