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11_lab.cpp

Test Code

Number of attempts: **6**

Lab 10: Intro to 2D Arrays

Before tackling this lab, you should have completed:

Savitch Chapter 9, and corresponding exercises

Collaboration policy:

Collaboration on these lab exercises is strongly ENCOURAGED.

Exercise 1 - Matrix Addition

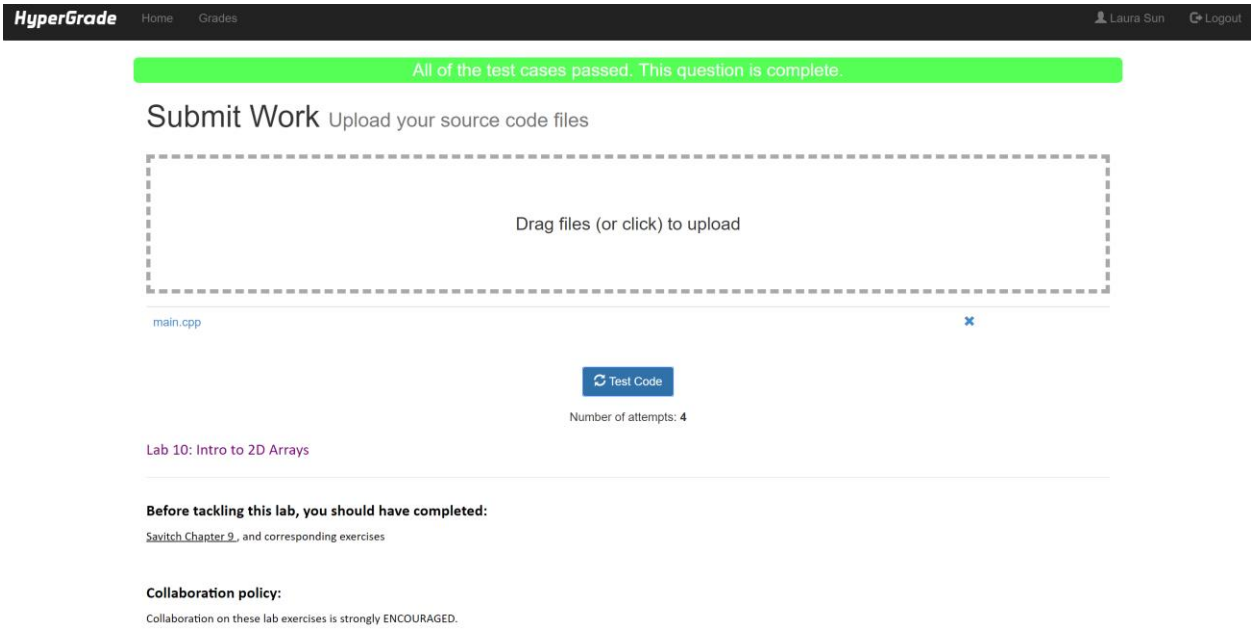
1. Write a function that adds two M x N matrices:
(declare M and N as global constants where M = 2, N = 3)

void matrixAdd(const int a[][N], const int b[][N], int sum[][N]);

The addition of two matrices is performed by adding elements in corresponding positions in the matrices. Therefore, matrices that are added must be of the same size; the result is another matrix of the same size.

Example of matrix addition:

$$\begin{bmatrix} 2 & 5 & 1 \\ 0 & 3 & -1 \end{bmatrix} + \begin{bmatrix} 1 & 0 & 2 \\ -1 & 4 & -2 \end{bmatrix} = \begin{bmatrix} 3 & 5 & 3 \\ -1 & 7 & -3 \end{bmatrix}$$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main.cpp
Test Code
Number of attempts: 4
Lab 10: Intro to 2D Arrays
Before tackling this lab, you should have completed:
Savitch Chapter 9 , and corresponding exercises
Collaboration policy:
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