**LAB/Homework 8**

Please review the 2D Array Summary at:

<https://csawesome.runestone.academy/runestone/books/published/csawesome/Unit8-2DArray/a2dSummary.html>

You can do the exercises in the following links for practice:

<https://csawesome.runestone.academy/runestone/books/published/csawesome/Unit8-2DArray/Array2dParsonsPractice.html>

<https://csawesome.runestone.academy/runestone/books/published/csawesome/Unit8-2DArray/Array2dCodePractice.html>

<https://csawesome.runestone.academy/runestone/books/published/csawesome/Unit8-2DArray/a2dMedMC.html>

<https://csawesome.runestone.academy/runestone/books/published/csawesome/Unit8-2DArray/a2dHardMC.html>

Also, Please complete at least 1 of the 4 Free response questions at:

https://csawesome.runestone.academy/runestone/books/published/csawesome/Unit8-2DArray/freeResponse.html

**Lab:**

1. Do questions 8-1-1 to 8-1-5 in the textbook <https://csawesome.runestone.academy/runestone/books/published/csawesome/Unit8-2DArray/topic-8-1-2D-arrays-Day1.html>
2. Create a 3 by 3 2D int array and store the numbers 1 to 9 in it.
3. Create a 2 by 2 2D String array and store a class name and a grade (number between 1 and 100) in each row.
4. Create a 1 by 2 2D boolean array, store True and False in it.
5. Try printing the arrays. What happens?
6. Create a new 2D String array that will store your grades from school. Set the Values of the array upon creation.
7. Print out the 3 by 3 array you created in question 3.