**Name:** Zoe Defeo

**Date Created:** 7/4/2025

**Program Description:** This program will create a CSV file named 'grades.csv' and prompt the user to record data for the file. The program will then display the created file in tabular format.

**Functions Used in the Program:**

***#1***

**Function Name:** record()

**Description:** Creates the ‘grades.csv’ file for the user to input data into

**Parameters:** None

**Variables:**

* writer(\_csv.writer) -
* students(integer) - number of times the loop for data entry will occur
* first\_name(string) - input variable for students first name
* last\_name(string) - input variable for students last name
* grade\_1(integer) - input variable for students exam 1 grade
* grade\_2(integer) - input variable for students exam 2 grade
* grade\_3(integer) - input variable for students exam 3 grade

**Logical Steps:**

1. Create and open ‘grades.csv’ file.
2. Prompt the user how many students need to be entered.
3. Prompt the user for the first name, last name, exam 1 grade, exam 2 grade, and exam 3 grade of the student.
4. Write this data as a row in the CSV file
5. Loop 3. and 4. for the number of students entered in 2.
6. Close the file
7. Call read() function to print the file

**Returns:** None

***#2***

**Function Name:** read()

**Description:** Displays all information from the newly created ‘grades.csv’ file in tabular format.

**Parameters:** None

**Variables:**

* reader(\_csv.reader) - Opens and reads the ‘grades.csv’ file

**Logical Steps:**

1. Open the newly created ‘grades.csv’ file.
2. Print the row of entered data for each student.
3. Close the file.

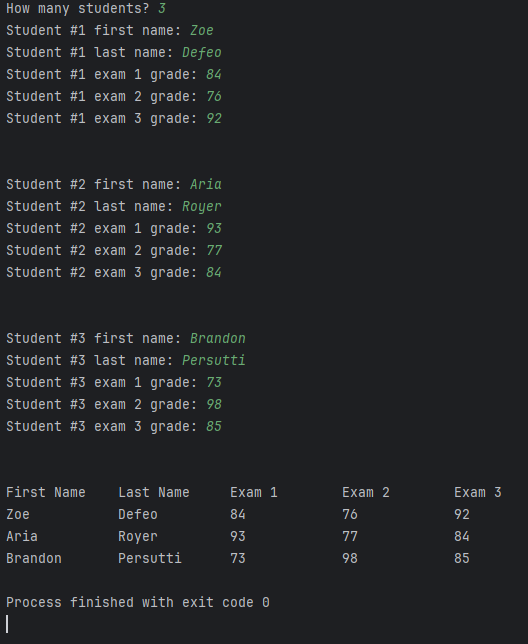
**Returns:** None

**Logical Steps:**

1. Call the record() function
2. The read() function is called within the record() function

**Link to Repository:** <https://github.com/Zoe-Defeo/COP2373>

**Output Screenshot:**

****