**Programming Exercise CSV**

**Name:** Dylan Hamid

**Date Created:** 7/6/2025

**Program Description:**

Asks the user if they want to enter or read grades. If enter, will write grades to a file. If read, will read grades from this file.

**Functions used in the Program (list in order as they are called):**

1. **Function Name:** main()

**Description:** Asks user which function they want to use, then enters that function.

**Parameters:** none

**Variables:**

* Which\_function(string): holds the number corresponding to the function user wants to enter.

**Logical Steps:**

1. Prompts user for function to enter
   1. Reasks if user enters incorrect values
2. Enters function

**Returns:** nothing

2. **Function Name:** enter\_grades()

**Description:** Allows user to enter grades and commits to a file.

**Parameters:** none

**Variables:**

* Student\_number(int): accumulator for entering student data, and for entering data in right array index
* Student\_array(2d list): holds header for file, and student information
* Number\_of\_students(int): is compared to accumulator to ensure data for right number of students is entered

**Logical Steps:**

1. Initialize variables
2. Prompt user for number of students
3. Prompt user for first name, last name, and grades for each student
4. Writes to file

**Returns:** none

3. **Function Name:** view\_grades()

**Description:** Reads grades from file

**Parameters:** none

**Variables:** none

**Logical Steps:**

1. Reads grades from file
   1. If no file exists, displays error message.

**Returns:** none

**Logical Steps:**

1. Main calls either enter\_grades or view\_grades

**Link to your repository:** <https://github.com/dyhlan/COP2373>

**Output Screenshot: (make sure big enough so I can see)**

A screen shot of a computer

AI-generated content may be incorrect.

A black screen with white text

AI-generated content may be incorrect.