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Program description:

The first program creates the grades.csv file and prompts the user for number of students, their full name, and grades for each exam. The program stores them in the grades.csv file and the second program reads and displays the data. The second program lists the header and the names and grades of all the students.

Programming\_exersize\_CSV

1. Write\_grades()

Description:

Promts the user for input and stores it in the grades.csv file and prints when the grades are successfully written.

Parameters: none

Variables:

Num\_students: The user inputs a number which determines the number of times the loop repeats

First\_name: stores the student’s first names

Last\_name: stores the student’s last names

Exam1: stores exam 1 grade

Exam2: stores exam 2 grade

Exam3: stores exam 3 grade

Logical steps:

1. Prompt the user for total number of students
2. Create the grades.csv file
3. Create the header row
4. Prompt the user for first name, last name, and exam grades
5. Add the list to grades.csv

Returns:

The function returns the grades.csv file which contains all of the user’s input for names and grades.

Read\_Programming\_exersize\_CSV

1. Display\_grades()

Description:

The function reads the grades.csv file that was created from the previous program and displays the names and grades where it can be easily read.

Parameters: none

Variables: none

Logical steps:

1. Open the grades.csv file
2. Read the file and the header
3. Print the header with spaces
4. Print the rows of names and grades

Logical steps:

1. Create the grades.csv file in the first program
2. Have the user enter all of the data about the students
3. Have the first program run before the second
4. Have the second program read the grades.csv file and display the data in a way that is easy to read

Link to repository: https://github.com/AbriannaJohnson/COP2373

Output screenshots:

A screen shot of a computer

AI-generated content may be incorrect.A screenshot of a computer

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