

CS230 Python CSV Assignment

Python Files

Total Points (100)

Assignment must be submitted in canvas. Don't forget the .py extension.

1. Create an Empty Folder Called Grades
2. Create a CSV file of At Least 10 students in Excel and save it as a CSV (comma delimited) file. (.csv)
 - a. Column Headers Should Be:
 - i. first_name
 - ii. last_name
 - iii. student_id
 - iv. homework_1
 - v. homework_2
 - vi. homework_3
 - vii. homework_4
 - viii. exam_1
 - ix. exam_2
 - x. exam_3
 - xi. exam_4
 - xii. midterm_exam
 - xiii. final_exam
 - xiv. course_project
 - b. Fill in the table with some arbitrary Names, IDs and Grades!
3. Print the indices and header rows so you know which are which.
4. Create a .py file called student_grades.py and save it in the Grades Folder as Well.
5. Your task is to implement the code which should calculate the mean of each students scores. That is, if "student 1" has 100, 50, 100, 80..... for example, then the mean would be 82.5
6. Your output should include a Full Name, Student ID, and of course the Mean.
7. Don't forget the csv import!
8. Don't forget to skip the header!
9. Remember the indices of your file (each header row that is) Remember that the index starts at 0.
10. Don't overthink this. This can be written in about 13 lines of code.