

IT 2430 – Data Programming I

Spring 2019

Assignment 7 – Grade Analysis Part 1

Assignments must be completed on your own. Any evidence that students have collaborated on assignments will be considered a violation of the academic honesty code.

Filename: assign7.py

Write a script that takes the studentdata.csv file as input and produces the output files shown below. You must use two functions as described below to accomplish this task. In the next assignment, you will produce some grade reports that look at averages, minimums, maximums etc. by student, section, professor etc. This assignment is the first step to completing the next. You cannot use lists.

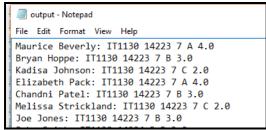
findnumericgrade(): Function that takes the letter grade as a parameter and returns the numeric grade.

loaddata(): Function that parses the data and writes it to error7.txt and output7.txt as shown below where xx is your folder number in Google Drive. Returns the count of the number of lines parsed.

Output:

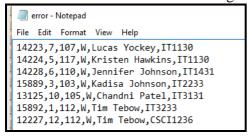
output.txt

A file that contains the results of studentdata.csv parsed and written as shown below.



error.txt

A file that contains the lines with a grade of 'W' from studentdata.csv file.



Console

Contains a print out of the count of the number of lines processed for fout.txt.

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Submission Instructions:

- Your code should contain meaningful comments. Place your name, due date and assignment and problem number <u>in comments</u> at the top of the file. Cite all sources in comments.
- Your output should match mine exactly (in spacing, capitalization, etc.).
- Turn in a hard copy