

CS 1803 - TimedLab Exam2 Question7 - Grading Key

readData

- Reads the strings of data from the file 2
- Breaks them down into individual elements by separating on comas. 2
(Note, the above two may be done manually, or using the CSV module)

- Returned result does not include the header (first) row. 2
- Correctly handles strings of "None" by converting to a None object 2
- Converts strings that represent integers to actual integers 2
(-1 if this functionality is in computeMax instead of readData)

computeMax

- Calculates the maximum value of each column 3
(only consider columns with numbers, see None handling below...)

- Places the maximum value in the appropriate location in the list of returned data 3

- Handles columns with all None Entries 2
(places a None in the appropriate entry)

- Correctly ignores the first column (date) of data 1
(Returned list does not include a "date" entry at the front)

- Handles columns with some None's, but some numbers 1
(places the maximum number in the appropriate entry)

Completion Time Penalty:

- Completed the assignment 0-60 minutes -0
- Completed the assignment 61-120 minutes -2
- Completed the assignment after 120 minutes -4