CS 300 Project One Milestone Two Guidelines and Rubric

Activity: 4-3 Project One Milestone Two: Hash Table Data Structure

Course: CS-300-11942-M01 DSA: Analysis and Design 2025 C-2 (Mar - Apr)

Name: JASON Hney

Criteria	Proficient	Needs Improvement	Not Evident	Criterion Score
File Input	35 points Designs pseudocode to open a file, read the data from a file, parse each line, and check for errors ✓	29.75 points Shows progress toward proficiency, but with errors or omissions; areas for improvement may include ensuring all parameters on each line are read and that any prerequisite exists as a class in the file	0 points Does not attempt criterion	35 / 35

Criterion Feedback

You successfully created initial pseudocode to open the file, read the data and parse it according to the assignment instructions, including checking for file errors.

Criteria	Proficient	Needs Improvement	Not Evident	Criterion Score
Course Object Pseudocode	30 points Designs pseudocode that defines an object to hold data from an input file in the appropriate data structure ✔	25.5 points Shows progress toward proficiency, but with errors or omissions in the pseudocode; areas for improvement may include designing pseudocode for the appropriate data structure	0 points Does not attempt criterion	30 / 30

Criterion Feedback

Update:

Great job, Jason. Your grade has been adjusted to reflect your resubmission.

You successfully created pseudocode to define an object to hold the course data in the ADT, including the appropriate structure. The only thing you are missing is how are you going to hash the course number since it is not a numeric value (i.e. MATH201)? You may correct and resubmit.

Criteria	Proficient	Needs Improvement	Not Evident	Criterion Score
Print Course Information Pseudocode	30 points Designs pseudocode that will print out information from a data file ✓	25.5 points Shows progress toward proficiency, but with errors or omissions; areas for improvement may include searching for a single course, printing out prerequisites, or passing the appropriate data structure as a parameter	0 points Does not attempt criterion	30 / 30

Criterion Feedback

Update:

Great job, Jason. Your grade has been adjusted to reflect your resubmission.

You have the basic pseudocode for printing the searched course if found, but you should have a little more detail. How are you going to search for a particular course? Although you state you are going to look up the course in the hash table, how are you going to do that? (Hint: You can use the hash function). You are very close, just need a little more detail. You may correct and resubmit.

Criteria	Proficient	Needs Improvement	Not Evident	Criterion Score
Articulation of Response	5 points Clearly conveys meaning with correct grammar, sentence structure, and spelling, demonstrating an understanding of audience and purpose ✔	4.25 points Shows progress toward proficiency, but with errors in grammar, sentence structure, and spelling, negatively impacting readability	0 points Submission has critical errors in grammar, sentence structure, and spelling, preventing understanding of ideas	5 / 5

Criterion Feedback

Your response was clear and insightful.

Total	100 / 100

Overall Score

Proficient ✔	Needs Improvement	Not Evident