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A03 Autocomplete - Part 1 MISSING 30 Possible Points | 10/17/2022 IN PROGRESS Add Comment Attempt 1 Next Up: Submit Assignment **Unlimited Attempts Allowed** ∨ Details Sorting Assignment: Autocomplete - Part 1 Learning Objectives • Determine the performance characteristics of a software application. · Implement generic methods · Implement comparators Overview This assignment should be completed with a partner. Please ensure that you have read the CSIS-2420 Collaboration Guideline (https://slcc.instructure.com/courses/817632/pages/csis-2420-collaborationguideline)_. In this assignment, you will write a program to implement autocomplete for a given set of strings and positive weights. Given a prefix, the program will find all strings in the set that start with the prefix, in descending order of weight. To help teams pace themselves, the assignment is broken up into two parts. In this first part of the assignment, you are asked to implement two out of three classes. Instruction Find a partner unless you got one assigned already. Ideally, you would have a different partner for each of the team assignments. This allows you to work with multiple peers, strengthen your teamwork skills, and build a network of friends and colleagues that can support you as you transition to a 4-year college or the workplace. Assignment Instructions: The instructions are based on an assignment of Princeton's algorithm course. http://www.cs.princeton.edu/courses/archive/fall14/cos226/assignments/autocomplete.html - (http://www.cs.princeton.edu/courses/archive/fall14/cos226/assignments/autocomplete.html /fall14/cos226/assignments/autocomplete.html) This first part of the assignment requires the implementation of the following two classes: BinarySearchDeluxe and Term. It should be created in a package called a03. In order to earn full points, they need to pass most of the JUnit tests on CodePost (see rubric). You can submit as often as you like but only up until Before you submit via Canvas, take a screen-shot of the CodePost website that shows your bruinmail, the class that is tested, and the number of passing/failing tests. ⟨ Previous Next > Submit Assignment

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followed.

Checklist:

Here is a checklist that includes frequently asked questions, input files for testing, and possible progress steps.

http://www.cs.princeton.edu/courses/archive/fall14/cos226/checklist/autocomplete.html (http://www.cs.princeton.edu/courses/archive/fall14/cos226/checklist/autocomplete.html)

Video

https://www.youtube.com/watch?v=x27BMJ9kGRk&feature=youtu.be



(https://www.youtube.com/watch?v=x27BMJ9kGRk&feature=youtu.be)



Submission

One team member embeds the screenshot from CodePost that shows your bruinmail, the assignment, and the number of passing tests. (https://community.canvaslms.com/t5/Student-Guide/How-do-I-embed-images-from-Canvas-into-the-Rich-Content-Editor/ta-p/356)

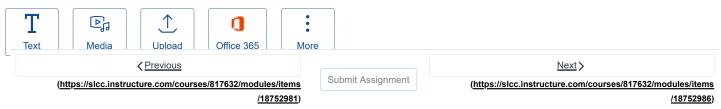
Both team members submit the name of the partner and the discussed pebble distribution. If the pebble distribution is not 50/50, include a description that explains the difference.

∨ View Rubric

A03 Rubric									
Criteria	Ratings								Pts
	15 pts Full Marks	13 pts 2 Tests fail	11 pts 3 tests fail	9 pts 4 tests fail	7 pts 5 tests fail	5 pts 6 tests fail	3 pts 7 or more tests fail	0 pts Insufficie nt	
JUnit tests for class BinarySearchDelux view longer description	No more than 1 test fails							No submissio n or no evidence of passed tests.	/ 15 pts
JUnit tests for class Term <u>view longer description</u>	15 pts Full Marks No more than 1 test fails	13 pts 2 Tests fail	11 pts 3 tests fail	9 pts 4 tests fail	7 pts 5 tests fail	5 pts 6 tests fail	3 pts 7 or more tests fail	0 pts Insufficie nt No submissio n or no evidence of passed tests.	/ 15 pts
									Total Points: 0

Keep in mind, this submission will count for everyone in your Project Groups group.

Choose a submission type



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