Sorted Set Lab

Started: Apr 11 at 9:42am

Quiz Instructions

Question 1 0 pts

Please upload a completed copy of the **Assignment Contract (https://sit.instructure.com/courses/23566/pages/assignment-slash-lab-submission-contract)** as PDF.

Per course policy - Every student must individually submit a copy of the contract, even if only one group member submits the assignment for the entire team.

If you do not include a copy of the Assignment Contract, your work will not be graded. You will be required to resubmit and the new submission will be counted as submitted at the date and time you submit this agreement.

Upload Choose a File

Question 2 100 pts

Write a sorted set data structure using binary search trees. Then, read in numbers from a file named *infile.dat*, inserting them into an instance of your sorted set. You will then prompt the user for a value, and search the tree to determine if the value is found in the tree. If the value is present, output "Yes" and no other text. If the value is missing, output "No" and no other text.

```
SortedSet {
  isEmpty()
  add(value)
  remove(value)
  contains(value)
}
```

Example:

infile.dat

1, 2, 3, 4, 5, 6, 7

Program

Sorted Set A Contains 1, 2, 3, 4, 5, 6, 7

User Input = 9

Output

No

Note: You must not submit your "node_modules" folder if you are working on NodeJs/JavaScript. (Just submit your JavaScript source code and package.json file)

Upload Choose a File

No new data to save. Last checked at 9:46am Submit Quiz