**CSE212 – Programming with Data Structures**

**09 Prove – Response Document**

|  |  |
| --- | --- |
| **Name:** |  |
| **Date:** |  |
| **Teacher:** |  |
| **Section:** |  |

*It is a violation of BYU-Idaho Honor Code to post or share this document with others or to post it online. Storage into a personal and private repository (e.g. private GitHub repository, unshared Google Drive folder) is acceptable.*

**Question 1: Indicate which problems you were able to solve in the table below by putting an “x” in the appropriate columns:**

|  |  |
| --- | --- |
|  | **Solved Successfully** |
| **Problem 1 – Insert Unique Values Only** |  |
| **Problem 2 – Contains** |  |
| **Problem 3 – Traverse Backwards** |  |
| **Problem 4 – Tree Height** |  |
| **Problem 5 – Create Tree from Sorted List** |  |

**Question 2: Describe how you solved each problem (one paragraph per problem) that you solved successfully.**

Remember: You need to submit the following code files in addition to this document:

* trees.py

Grading Rubric

All grades below are out of 100 points which allows for bonus points if you solve all 5 problems correctly. Points will be deducted for improper use of data structures or improper coding technique.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Solved all 5 Problems Correctly** | **Solved 4 Problems Correctly** | **Solved 3 Problems Correctly** | **Solved 2 Problems Correctly** | **Solved 1**  **Problem**  **Correctly** |
| Up to 110 Points | Up to 100 Points | Up to 90 Points | Up to 80 Points | Up to 70 Points |