

Assignment 5 Grading Rubric

Total: 100 points

- **BinaryTreeInterface Modified as Specified** **2 points**
- **ComparableTreeInterface** **5 points**
 - Extends TreeInterface 2 points
 - Generics specified correctly 2 points
 - Methods added correctly 1 point
- **BinaryNode Methods** **16 points**
 - isFull() 8 points
 - isBalanced() 8 points
- **BinaryTree Methods** **16 points**
 - isFull(), isBalanced() 4 points
 - buildInorder 10 points
 - saveInorder 2 points
- **ComparableBinaryTree Class** **22 points**
 - Constructor 4 points
 - getMax(), getMin() 10 points
 - isBST() 8 points
- **BinarySearchTree Methods** **12 points**
 - getMax(), getMin() 8 points
 - isBST() 4 points
- **Recursion used correctly and as required** **16 points**
- **Other Programming Style / Implementation Issues** **4 points**
- **Packages / Classes set up correctly** **3 points**
- **Assignment Information Sheet and Documentation** **4 points**
 - Question about isFull and isBalanced answered correctly 2 points
 - Rest of sheet filled out correctly 1 point
 - Documentation 1 point
- **Extra Credit** **+10 points**