Binary Tree Lab

1. For this lab, you will use the data and the file reader from the Files and Random Numbers lab
2. Read the file and populate the collection as in the previous lab
3. Create a binary search tree to hold User objects
4. Write an add method for the binary search tree that inserts User objects into their correct location in the tree sorting on the randomValue field
   1. As with the linked list lab, this operation will be the most difficult
   2. Feel free to use online resources to learn how to implement this, but your code should be your own
5. Add each of the Users in the collection to your tree
6. Create a search method to find a node in the tree with a given randomValue
7. Create a method that determines the height of the tree
8. Demonstrate your code in your driver
9. You may work in pairs for this lab if you wish