For Project 3A I Wanted to make sure that I followed the time complexity of a binary search tree to be O(logn). I implanted a search, insert, and remove methods so that I could be able to successfully perform the traversal count. This assignment was pretty challenging but very insightful. I used a count getter method and went through a couple of implementations, so that I could get the traversal count. When I created the search function I made it into a boolean so that it would return true or false (1 or 0) to indicate whether this integer was in the tree.
Read more below:

```
File Opened
building the tree. inserting everything...
[1[2[3[4[5[6[7[8[9[10[11[12[13[14[15]]]]]]]]]]]]]]]


searching the tree for things
searching for 5: 1
searching for 4: 1
searching for 3: 1
searching for 5: 1
searching for 7: 1
searching for 13: 1
searching for 25: 0
removing the tree for things
removing 11
removing 6
removing 7
removing 2
removing 12
removing 6
[1[3[4[5[8[9[10[13[14[15]]]]]]]]]]
Time to Construct Binary Tree: 2998788

The Traversal Count for the Binary Search tree was: 199
Program ended with exit code: 0
```

I have been trying to figure out how to open the file on the server without having to implement a direct file source that only exists on my computer. I could not seem to figure it out so I have provided a screenshot above, if the command does not work when running the file.