

1a. Add element has complexity  $O(n)$ ; because it goes through all the elements either evaluating if it's at the right position or not and if not it goes to the next and eventually gets to the proper spot.

1b. Delete is similar to add in my binary tree. It recursively checks if the next node pointer is null and if it is it will delete the previous child ptr. It recurses through each node till it gets to the end.  $O(n)$

1c. This looks at every element in an inorder fashion  $O(n)$  where  $n$  is the number of items.