

1.
 - A. If the items were added in such an order that it became a skew tree then the complexity for adding at the end would be $O(n)$
 - B. If the items were added in such an order that it became a skew tree then for deleting something at the end complexity would be $O(n)$
 - C. If the items were added in such an order that it became a skew tree then for height complexity would be $O(n)$
2. The Average complexity for add and delete is $O(\log n)$. Because usually the tree is not skew. Thus every time we move down a level we don't have to even look at a lot of other nodes. My height function however still recurses down every single node in order to determine height. Thus it is still $O(n)$.