

- Csci 311
- We perform 2 operations with “computer” devices
 1. Searching
 2. Sorting
- If data is already sorted, it would be the same to store it in an ordered link list, or a BST
- To insert an element into a sorted BST, it takes (n) time to insert it (you have to traverse every element of the tree)

AVL TREE

- Adelson-velskii and Landis tree
 - Binary search tree with a balance condition
 - The height of the left and right sub tree cannot be more than 1
 - Height information is kept in each node
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