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Lab4 Option B

**Introduction**

B-trees are a self-balancing data structure that takes the for of a tree, more like an array list. This array an keep track of data in a sorted format as week as keeping the default operations which are insertion, searching, deletions. The objective in this lab is to implement the same idea as the previous lab but this time is just b-trees.

**Proposed Solution and Implementation**

Before I begin, this lab is not different from the previous one which means all the implementation is kind of the same. However the only problem I encounter is doing a search method; why c a search method its simple lets say there more children within children that mean I if the item/keys I’m looking for is not in the first keys then I would have to travers and search within the keys to find the item I’m looking for.

Overall this lab was really similar to lab3 the only different was to work with array list instead of nodes.

**Experimental Result**

For experimental result decide to test a text file with numbers and words to see how my code would react.

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