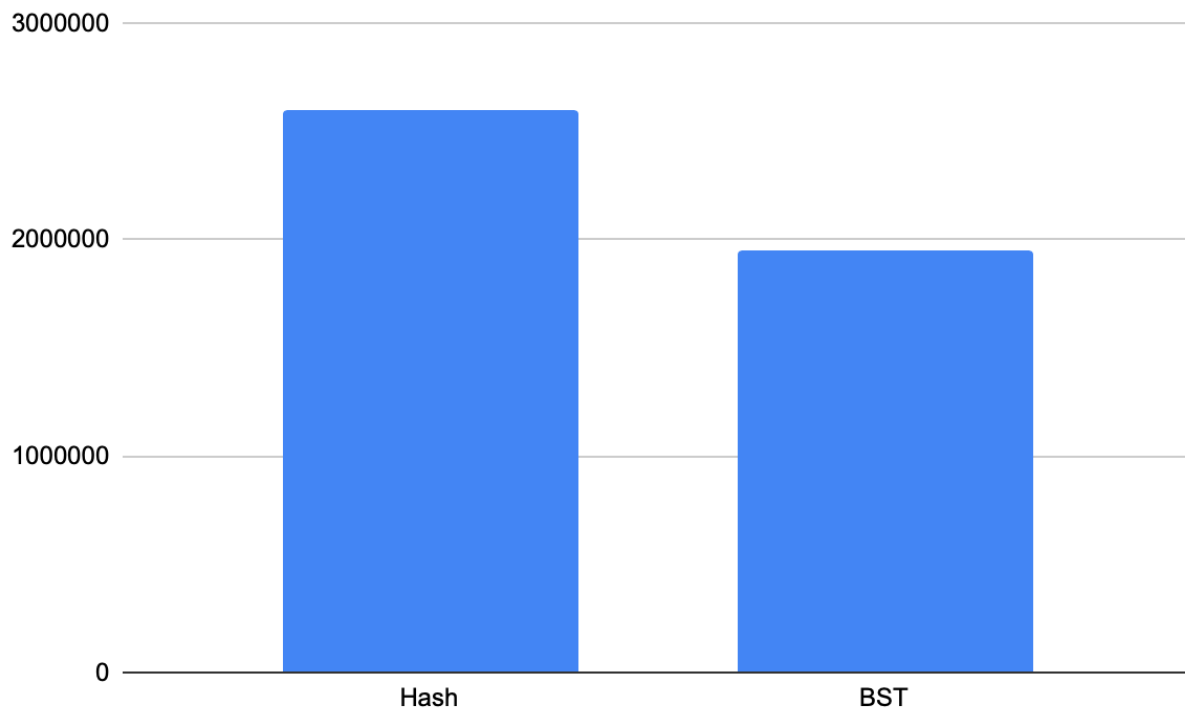


Hash vs BST report:



Below is the bar graph for each of the functions search algorithm. For the Hash table, I ran the SearchKey function I created in the project. For the BST, I ran a similar function but instead of a Hash table, it looked thorough a BST. I used lists of each (Hash and BST for both so that the comparison would be fair). Furthermore, in the test for each, I also ran the search algorithm 10 times and kept a running tally of time. The result on the Y axis is time each algorithm took to run 10 times in nanoseconds.

For my company, I would prefer the BST. I would choose this one for a few reasons. Firstly, it seems to run faster based on the programs I have written. Perhaps my specific program is inaccurate to how the algorithms actually function, but from what I can tell, BST is more efficient. Secondly, I like the way BST is organized more than I do Hash tables. Finally, I have more experience with BST, and so I believe BST would just be overall better for me.