

## **Project #3**

### **Part b**

Reduce the runtime of your solution to the word search puzzle by using the `binarySearch` algorithm to search the dictionary for a word.

The `binarySearch` algorithm requires that the list of words be in sorted order. Implement two sorting algorithms and compare their runtimes. One of the sorting algorithms you implement should be `quicksort`.

You should turn in a working program based on whichever sorting algorithm is faster. The other algorithm should be implemented but not called within your code.