

Week 3 Homework Tasks

myFind

Linear Search only finds the first location of an item in source, we might want to find them all. Adapt your linear search algorithm so that it

Continues to look through the rest of list

returns a list of all the locations the item is in.

this can be done iteratively or recursively.....

the mydind.py skeleton imports the first Sherlock Holmes short story – A Scandal in Bohemia.(in the test.txt save this in the same folder) Use your myfind to find how many times the following words occur

- mind
- Watson
- elementary

An efficient sort

Complete your implementation of either a recursive in place quick sort or the merge sort.