

Berk ÖNDER
21502378
Section: 1

Individual Lab 2 Answer

```
Lab2_Question1.py - /Users/berk/Desktop/BerkOnder-21502378/Lab2_Question1.p...
def read(file):
    word_arr = []
    for line in file:
        for word in line.split():
            word_arr.append(word)
    return word_arr

def BubbleSort(words):
    k = len(words)
    for i in range(k):
        for z in range(0, k - i - 1):
            if (words[z].upper() > words[z + 1].upper()):
                words[z], words[z + 1] = words[z + 1], words[z]
    return words

def FrequencyFind(Sorted_arr, word):
    k=0
    a=len(Sorted_arr)
    for i in range(a):
        if (word in Sorted_arr[i] and len(word)== len(Sorted_arr[i])):
            k=k+1
    return k

word = []
file = open("myfile", "r")
word = read(file)
sort = []
sort = BubbleSort(word)
print(sort)

search = input("\nEnter words :")
Freq = FrequencyFind(sort, search)
if (Freq == 0):
    print("The words that you are searching does not exist in the text file")
else:
    print("\n")
    print(search, "Repeats", Freq, "Times")

Ln: 17 Col: 0
```

```
Python 3.7.2 Shell
Python 3.7.2 (v3.7.2:9a3ffc0492, Dec 24 2018, 02:44:43)
[Clang 6.0 (clang-600.0.57)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: /Users/berk/Desktop/BerkOnder-21502378/Lab2_Question1.py =====
['already', 'already', 'also', 'and', 'and', 'and', 'and', 'and', 'are', 'articles', 'at', 'beginning', 'best', 'comprehension',
'context', 'conversations', 'each', 'easier', 'English', 'figure', 'have', 'help', 'helps', 'if', 'important', 'improve', 'in', '
in', 'in', 'is', 'is', 'is', 'is', 'keywords', 'know', 'later', 'learn', 'learned', 'Learns', 'lessons', 'meaning', 'meaning', 'm
ost', 'new', 'new', 'of', 'of', 'of', 'of', 'of', 'one', 'out', 'practice', 'practiced', 'presented', 'pronunciation', 'provides'
, 'read', 'Reading', 'Reading', 'Reading', 'reading', 'reading', 'reason', 'remember', 'repetition', 'scripts', 'stories', 'text'
, 'that', 'that', 'that', 'the', 'The', 'the', 'the', 'the', 'the', 'the', 'the', 'the', 'the', 'the', 'the', 'them', 'This', 'to', 'to', 'to',
'understand', 'unit', 'USA', 'videp', 'vocabulary', 'vocabulary', 'vocabulary', 'way', 'will', 'words', 'words', 'words', 'you',
'you', 'you', 'you', 'you', 'You', 'you', 'your']

Enter words :of

of Repeats 5 Times
>>>

Ln: 6 Col: 809
```