

open wordlist.txt

if $x = v$ s.t. $x \Rightarrow 1^{st}$ letter
 add word to vwords
else $x \neq v$
 skip word

Load Dictionary (fill v words)
Help function to get sorted string
Main

fill vwords (filename, Dictionary)

filename = 'wordlist.txt'

filehandle = open(filename)

for word in filehandle:

 word = word.strip()

 word = word.lower()

 if word[0] == 'v':

 → add word to dictionary (word, Dictionary)

Add word to Dictionary (word, Dict)

 k = sorted string (word) (key)

 v = word (value)

 Dict[k] = v

Sorted string (word)

 convert word to list

 sort list

 join list back into sorted word

 return sorted word

sorted word: " ".join(wordlist)

fill V words (filename, Dict)

Qfilehandle open(Quizwords, 'r')

For Q word in Qfilehandle

→ Qword = Qword.strip()

→ Qword = Qword.lower()

→ Sorted Qword = sorted string (Qword)

print(Qword, Dict[sorted Qword])

Dict = { }

Dict = {k:v}

for line in filehandle

line = line.strip()

linelist = line.split()

word = linelist[0]