

```

#!/usr/bin/env python
# -*- coding: utf-8 -*-

# count_words_v1.py
# version: 1.0
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# Last revision: 2010-11-11

"""Count occurrences of words in a text file.
"""

### WARNINGS!
# This program has the following known limitations:
# - Pretty useless except for example purposes
# - No documentation/help
# - Print useless information to standard output
# - Not thoroughly tested

## Import modules

import sys
import re # regular expressions, rechercher/remplacer

## Define functions

def count_words(input_file):
    """Return dictionary of (word: count) couples

    Description plus detaillee
    """
    counts = {}
    with open(input_file) as f:
        for line in f:
            for word in line.strip().split():
                word = re.sub("[!\"#$%&\'()*+,-./:;<=>?@[\\]^_`{|}~]+", "", \
                    word).lower()
                if word.isalpha():
                    if counts.has_key(word):
                        counts[word] += 1
                    else:
                        counts[word] = 1
    return counts

def output_dict(d, output_file):
    """Output dictionary sorted by word count to output file
    """
    temp_list = [[d[x], x] for x in d] # couples [count, word]
    temp_list.sort(reverse=True) # sort by count, highest first
    with open(output_file, "w") as f:
        for i in temp_list:
            f.write("\t".join([i[1], str(i[0]), str(len(i[1]))]) + "\n")

# Program (this part does the job)

try:
    input_file = sys.argv[1]
    output_file = sys.argv[2]
    with open(input_file) as f:
        pass
except:
    print "Wrong input format. Use:"
    print "./count_words.py <input_file> <output_file>"
    sys.exit(0)

dictionnaire = count_words(input_file)
output_dict(dictionnaire, output_file)

print "Everything went ok, see you soon!"

```