```python
#!/usr/bin/env python

"""Description

Script example pour lire un fichier, compter le nombre de mots par ligne
et ecrire le resultat dans un fichier de sortie.

Pour utiliser:

./example_script.py <in_file> <out_file>
"""


# Import modules

import sys


# Define functions

def print_help():
    """Print help in case of bad invocation"""
    print "Error: Wrong arguments used."
    print "Use the following form:"
    print "./my_script.py <input_file> <output_file>"

def count_words(input_file, output_file):
    """Return a file with word counts"""
    data = [x.strip() for x in open(input_file) if x.strip() != ""]
    with open(output_file, "w") as out_f:
        for d in data:
            length = len(d.split())
            out_f.write(str(length) + "\n")


# Do something

try:
    input_file = sys.argv[1]
    output_file = sys.argv[2]
    print input_file, output_file
except:
    print_help()

count_words(input_file, output_file)
```