```
#------------------------------------------------------------------

def WordCount( filename ) :

    # Read the file 'filename' and return a dictionary, whose keys are
    # the distinct words in the file and whose corresponding values
    # are the number of times that the word occurs.
    #
    # If the file cannot be read, issue an error message and return
    # the empty dictionary.
    #
    # All words are converted to lower-case before being processed;
    # for best results, the input file should contain no punctuation,

    try :
        filehandle = open( filename, "r" )
    except IOError :
        print( "*** WordCount : cannot open file '%s'" % ( filename ) )
        return { }

    wordcount = { }

    for line in filehandle :
        linewords = line.split( )
        for word in linewords :
            word = word.lower( )
            if word in wordcount :
                wordcount[ word ] += 1
            else :
                wordcount[ word ] = 1

    return wordcount

#------------------------------------------------------------------

$ cat So-Long-Marianne

Come over to the window my little darling
I'd like to try to read your palm
I used to think I was some kind of Gypsy boy
Before I let you take me home

Now so long Marianne it's time that we began
To laugh and cry and cry and laugh about it all again

#------------------------------------------------------------------
```

```
#------------------------------------------------------------------

>>> wordcount = WordCount( "So-Long-Marianne" )
>>>
>>> for word in sorted( wordcount ) :
>>>     print( "%-10s - %2i" % ( word, wordcount[ word ] ) )

#------------------------------------------------------------------

about      :  1
again      :  1
all        :  1
and        :  3
before     :  1
began      :  1
boy        :  1
come       :  1
cry        :  2
darling    :  1
gypsy      :  1
home       :  1
i          :  3
i'd        :  1
it         :  1
it's       :  1
kind       :  1
laugh      :  2
let        :  1
like       :  1
little     :  1
long       :  1
marianne   :  1
me         :  1
my         :  1
now        :  1
of         :  1
over       :  1
palm       :  1
read       :  1
so         :  1
some       :  1
take       :  1
that       :  1
the        :  1
think      :  1
time       :  1
to         :  5
try        :  1
used       :  1
was        :  1
we         :  1
window     :  1
you        :  1
your       :  1
```