

MatchString.py

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# Be sure that the text file to be opened is in the *same* directory
# as the Python script.

# Open the text file to be searched (Here it is the complete works of Shakespeare)
openfile = open("shakespeare.txt")
print ("Successfully opened file: ", openfile)

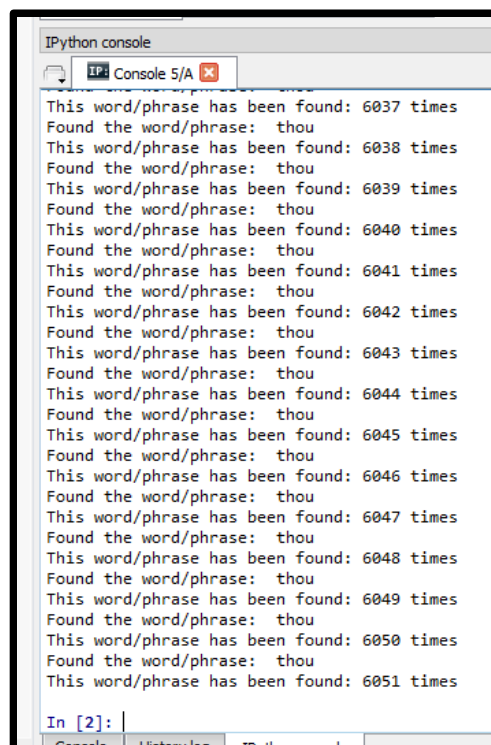
# Set the counter up
NumberOfTimesFound = 1

# Have user enter the word, phrase or string
wordsearched = input("Enter the case-sensitive word/phrase/string for search > ")

# Go through each line of the file and search for the word/phrase/string
for line in openfile:
    if wordsearched in line:
        print ("Found the word/phrase: ", wordsearched)
        print ("This word/phrase has been found:", NumberOfTimesFound, "times")
        NumberOfTimesFound = NumberOfTimesFound + 1
```

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In [3]: runfile('C:/temp/WinPython-64bit-3.4.3.5/scripts/matchstring.py', wdir='C:/
temp/WinPython-64bit-3.4.3.5/scripts')
Successfully opened file: <_io.TextIOWrapper name='shakespeare.txt' mode='r'
encoding='cp1252'>
```

```
Enter the case-sensitive word/phrase/string for search > thou
```



```
IPython console
Console 5/A x
This word/phrase has been found: 6037 times
Found the word/phrase: thou
This word/phrase has been found: 6038 times
Found the word/phrase: thou
This word/phrase has been found: 6039 times
Found the word/phrase: thou
This word/phrase has been found: 6040 times
Found the word/phrase: thou
This word/phrase has been found: 6041 times
Found the word/phrase: thou
This word/phrase has been found: 6042 times
Found the word/phrase: thou
This word/phrase has been found: 6043 times
Found the word/phrase: thou
This word/phrase has been found: 6044 times
Found the word/phrase: thou
This word/phrase has been found: 6045 times
Found the word/phrase: thou
This word/phrase has been found: 6046 times
Found the word/phrase: thou
This word/phrase has been found: 6047 times
Found the word/phrase: thou
This word/phrase has been found: 6048 times
Found the word/phrase: thou
This word/phrase has been found: 6049 times
Found the word/phrase: thou
This word/phrase has been found: 6050 times
Found the word/phrase: thou
This word/phrase has been found: 6051 times

In [2]: |
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