

Text File – Exam based questions

<p>Write a function in python to count the number lines in a text file 'Country.txt' which is starting with an alphabet 'W' or 'H'.</p> <pre>def count_W_H(): f = open ("Country.txt", "r") W,H = 0,0 r = f.read() for x in r: if x[0] == "W" or x[0] == "w": W=W+1 elif x[0] == "H" or x[0] == "h": H=H+1 f.close() print ("W or w :", W) print ("H or h :", H)</pre>	<p>Write a user defined function countwords() to display the total number of words present in the file from a text file "Quotes.Txt".</p> <pre>def countwords(): s = open("Quotes.txt","r") f = s.read() z = f.split () count = 0 for i in z: count = count + 1 print ("Total number of words:", count)</pre>
<p>Write a user defined function countwords() to display the total number of words present in the file from a text file "Quotes.Txt".</p> <pre>def countwords(): s = open("Quotes.txt","r") f = s.read() z = f.split () count = 0 for i in z: count = count + 1 print ("Total number of words:", count)</pre>	<p>Write a function COUNT_AND() in Python to read the text file "STORY.TXT" and count the number of times "AND" occurs in the file. (include AND/and/And in the counting)</p> <pre>def COUNT_AND (): count=0 file=open('STORY.TXT','r') line = file.read() word = line.split() for w in word: if w == 'AND': count=count+1 print(count) file.close()</pre>
<p>Write a function DISPLAYWORDS() in python to display the count of words starting with "t" or "T" in a text file 'STORY.TXT'.</p> <pre>def COUNT_AND(): count=0 file=open('STORY.TXT','r') line = file.read() word = line.split() for w in word: if w[0] == 't' or w[0] == 'T': count=count+1 print(count) file.close()</pre>	<p>Write a function that counts and display the number of 5 letter words in a text file "Sample.txt"</p> <pre>def count_words(): c = 0 f = open("Sample.txt") line = f.read() word = line.split() for w in word: if len(w) == 5: c += 1 print(c)</pre>
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<pre> line = f.read() word = line.split() for w in word: if len(w) == 5: c += 1 print(c) </pre>	<pre> line = f.read() word = line.split() for w in word: if len(w) == 5: c += 1 print(c) </pre>
<p>Write a function that counts and display the number of 5 letter words in a text file "Sample.txt"</p> <pre> def count_words(): c = 0 f = open("Sample.txt") line = f.read() word = line.split() for w in word: if len(w) == 5: c += 1 print(c) f.close() </pre>	<p>Write a function to display those lines which start with the letter "G" from the text file "MyNotes.txt"</p> <pre> def count_lines(): c = 0 f = open("MyNotes.txt") line = f.readlines() for w in line: if w[0] == 'G': print(w) f.close() </pre>
<p>Write a function in python to read lines from file "POEM.txt" and display all those words, which has two characters in it.</p> <pre> def TwoCharWord(): f = open('poem.txt') count = 0 for line in f: words = line.split() for w in words: if len(w)==2: print(w,end=' ') f.close() </pre>	<p>Write a function COUNT() in Python to read contents from file "REPEATED.TXT", to count and display the occurrence of the word "Catholic" or "mother".</p> <pre> def COUNT(): f = open('REPEATED.txt') count = 0 for line in f: words = line.split() for w in words: if w.lower()=='catholic' or w.lower()=='mother': count+=1 print('Count of Catholic,mother is',count) </pre>
<p>Write a method/function COUNTLINES_ET() in python to read lines from a text file REPORT.TXT, and COUNT those lines which are starting either with 'E' and starting with 'T' respectively. And display the Total count separately.</p> <pre> def COUNTLINES_ET(): f=open("REPORT.TXT") d=f.readlines() le=0 lt=0 for i in d: if i[0]=='E': le=le+1 elif i[0]=='T': lt=lt+1 print("no of line start with",le) print("no of line start with",lt) </pre>	<p>Write a method/function SHOW_TODO() in python to read contents from a text file ABC.TXT and display those lines which have occurrence of the word "TO" or "DO".</p> <pre> def SHOW_TODO(): f=open("ABC.TXT") d=f.readlines() for i in d: if "TO" in i or "DO" in i: print(i) f.close() </pre>

<p>Write a function in Python that counts the number of “Me” or “My” words present in a text file “STORY.TXT”.</p> <pre>def displayMeMy(): num=0 f=open("story.txt","rt") N=f.read() M=N.split() for x in M: if x=="Me" or x=="My": print(x) num=num+1 print("Count of Me/My in file:",num) f.close()</pre>	<p>Write a function AMCount() in Python, which should read each character of a text file STORY.TXT, should count and display the occurrences of alphabets A and M (including small cases a and m too).</p> <pre>def AMCount(): f=open("story.txt","r") A,M=0,0 r=f.read() for x in r: if x[0]=="A" or x[0]=="a" : A=A+1 elif x[0]=="M" or x[0]=="m": M=M+1 print("A or a: ",A) f.close()</pre>
<p>Write a function in python that displays the number of lines starting with ‘H’ in the file “para.txt”.</p> <pre>def countH(): f=open("para.txt","r") lines=0 l=f.readlines() for i in l: if i[0]='H': lines+=1 print("NO of lines are:",lines) f.close()</pre>	<p>Write a function countmy() in Python to read file Data.txt and count the number of times “my” occur in file.</p> <pre>def countmy(): f=open("Data.txt","r") count=0 x=f.read() word=x.split() for i in word: if i=="my" : count=count+1 print("my occurs ", count, "times")</pre>
<p>Write a Python program to find the number of lines in a text file ‘abc.txt’.</p> <pre>f=open("abc.txt","r") d=f.readlines() count=len(d) print(count) f.close()</pre>	<p>Write a Python program to count the word “if “ in a text file abc.txt’.</p> <pre>file=open("abc.txt","r") c=0 line = file.read() word = line.split() for w in word: if w=='if': print(w) c=c+1 print(c) file.close()</pre>
<p>Write a method in python to read lines from a text file DIARY.TXT and display those lines which start with the alphabets P.</p> <pre>def countp(): f=open("diary.txt","r") lines=0 l=f.readlines() for i in l: if i[0]='P':</pre>	<p>Write a method/function ISTOUPCOUNT() in python to read contents from a text file WRITER.TXT, to count and display the occurrence of the word “IS” or “TO” or “UP”</p> <pre>def ISTOUPCOUNT(): c=0 file=open('sample.txt','r') line = file.read()</pre>

<pre> lines+=1 print("No of lines are:",lines) </pre>	<pre> word = line.split() cnt=0 for w in word: if w=='TO' or w=='UP' or w=='IS': cnt+=1 print(cnt) file.close() </pre>
<p>Write a code in Python that counts the number of "The" or "This" words present in a text file "MY_TEXT_FILE.TXT".</p> <pre> c = 0 f=open('MY_TEXT_FILE.TXT', 'r') : d=f.read() w=d.split() for i in w: if i.upper()=='THE' or i.upper()=='THIS' : c+=1 print(c) </pre>	<p>Write a function VowelCount() in Python, which should read each character of a text file MY_TEXT_FILE.TXT, should count and display the occurrence of alphabets vowels.</p> <pre> def VowelCount(): count_a=count_e=count_i=count_o=count_u=0 f= open('MY_TEXT_FILE.TXT', 'r') d=f.read() for i in d: if i.upper()=='A': count_a+=1 elif letter.upper()=='E': count_e+=1 elif letter.upper()=='I': count_i+=1 elif letter.upper()=='O': count_o+=1 elif letter.upper()=='U': count_u+=1 print("A or a:", count_a) print("E or e:", count_e) print("I or i:", count_i) print("O or o:", count_o) print("U or u:", count_u) </pre>
<p>Write a function filter(oldfile, newfile) that copies all the lines of a text file "source.txt" onto "target.txt" except those lines which starts with "@" sign.</p> <pre> def filter(oldfile, newfile): f1 = open("oldfile","r") f2 = open("newfile","w") while True: text= f1.readline() if len(text) ==0: break if text[0] == '@': continue f2.write(text) f1.close() f2.close() </pre>	