

1. Write a program that creates a text file NameOfUser .txt, takes the First Name and Last Name from the user and writes it into the file.

Input:

Your full name please: Ken Nicholson

Output:

Contents of Text file.

Name of person is: Ken Nicholson.

2. Write a program that creates a file currentDateAndTime.txt and write the current Date and Time in it, in the given format.

Output:

Contents of Text file.

Entry 1: Tue May 19 09:45:06 2020

Ref: check the **Getting Formatted Time** section:

https://www.tutorialspoint.com/python3/python_date_time.htm

3. Write a program that takes a string as input and generates a text file **friendship.txt** containing only the letters in that string.

Input

```
" 86I20 ca88nn42ot w8856ai77t t22o s7p74e58n1d t1i0m3e8 w698it55h m22y  
b2e338st fr88i5e9n2ds. "
```

Output - Contents of **friendship.txt** should be:

I cannot wait to spend time with my best friends.

4. Download the text file:

https://drive.google.com/file/d/1RG_29OiMY9KmKjWDW5Gq1nzzEzYNJG4G/view?usp=sharing

This is Ken's marksheet.

Write a program to find the subject in which he got the highest marks and print that subject.

Output:

"Ken's best performance is in the subject Geography."

5. Download the text file:

<https://drive.google.com/file/d/1hdrIJdKq57jRPmFTwDFAOpGPDNHZpsL-/view?usp=sharing>

Count and print the number of vowels and spaces in this text file.

6. Download the text file:

<https://drive.google.com/file/d/1u4QsRoJJi9zlrShZBeYhKwuqhBpzCgxu/view?usp=sharing>

Count and print the number of **sentences** in this file. *Sentences*, NOT lines.

7. Write a program that takes a string as input and generates a text file **order.txt** having on each line a number and all the words that have the length equal to that number, *ordered by their first letter*.
If there are no words of that length the number won't be added to the file.

Input:

" The sun is shining bright today. Is such a wonderful day to go out and have a walk in the park."

Output - Contents of **order.txt** should be.

1 a a

2 go is in IS to

3 and day out The the sun

4 have park such walk

5 today

6 bright

7 shining

9 wonderful

8. Write a program that takes a string as an input and generates a text file **wordsOnLine.txt** having on each line as many words as the number of the line in the text.

Input

```
" All the things we could learn, if only we would be patient enough to keep  
trying more every time we fail. "
```

Output - Contents of **wordsOnLine.txt** should be

```
All  
the things  
we could learn  
if only we would  
be patient enough to keep  
trying more every time we fail
```

9. Download file:

https://drive.google.com/file/d/1tvxpyV1Iva0a0BNnzSbEVRUGVWK4_6x9/view?usp=sharing

This is the inventory of the supermarket where Ken works.

His boss comes to him and gives him the following information.

mangoCount = +75 pieces #increased by 75

orangeCount = ? #still unknown

bananasCount = 20 pieces

pearsCount = 100 pieces #final count

Take this information into account and update the **warehouseInventory.txt** you downloaded.

Final contents of **warehouseInventory.txt** file

Inventory:

Apples: 30 pieces

Mangoes: 100 pieces

Oranges: ?

Bananas: 20 pieces

Carrots: 27 pieces

Pears: 100 pieces

10. Download file 1:

https://drive.google.com/file/d/1P_8RK3J-RaE_pK-gfvDebqzuHtZOuO1P/view?usp=sharing

Download file 2:

https://drive.google.com/a/student.utwente.nl/file/d/16BQqQGUYRY_1Vv4HnvApyBz5AIJlYpWv/view?usp=sharing

You are given two text files. Read both files in the same Python program.
Find out which file is in Finnish and which is in Dutch.

Note: The file with the higher number of 'e' type characters is Dutch and the file with the higher number of 'a' type characters is Finnish.

Also check out the Extended ASCII characters section!

<https://theasciicode.com.ar/>

Hint: There are other types of 'e' and 'a' too!