

1. Write a function in python to read the content from a text file "poem.txt" line by line and display the same on screen. **Solution**

2. Write a function in python to count the number of lines from a text file "story.txt" which is not starting with an alphabet "T".

Example: If the file "story.txt" contains the following lines: A boy is playing there.

There is a playground.

An aeroplane is in the sky.

The sky is pink.

Alphabets and numbers are allowed in the password.

The function should display the output as 3 **Solution**

3. Write a function in Python to count and display the total number of words in a text file. **Solution**

4. Write a function in Python to read lines from a text file "notes.txt". Your function should find and display the occurrence of the word "the".

For example: If the content of the file is:

"India is the fastest-growing economy. India is looking for more investments around the globe. The whole world is looking at India as a great market. Most of the Indians can foresee the heights that India is capable of reaching."

The output should be 5. **Solution**

5. Write a function display_words() in python to read lines from a text file "story.txt", and display those words, which are less than 4 characters. **Solution**

6. Write a function in Python to count the words "this" and "these" present in a text file "article.txt". [Note that the words "this" and "these" are complete words] **Solution**

7. Write a function in Python to count words in a text file those are ending with alphabet "e". **Solution**

8. Write a function in Python to count uppercase character in a text file. **Solution**

9. A text file named "matter.txt" contains some text, which needs to be displayed such that every next character is separated by a symbol "#". Write a function definition for hash_display() in Python that would display the entire content of the file matter.txt in the desired format.

Example :

If the file matter.txt has the following content stored in it :

THE WORLD IS ROUND

The function `hash_display()` should display the following content :

T#H#E# #W#O#R#L#D# #I#S# #R#O#U#N#D# **Solution**

10. Aditi has used a text editing software to type some text. After saving the article as WORDS.TXT, she realised that she has wrongly typed alphabet J in place of alphabet I everywhere in the article.

Write a function definition for `JTOI()` in Python that would display the corrected version of entire content of the file WORDS.TXT with all the alphabets "J" to be displayed as an alphabet "I" on screen.

Note: Assuming that WORD.TXT does not contain any J alphabet otherwise.

Example:

If Aditi has stored the following content in the file WORDS.TXT:

WELL, THJS JS A WORD BY JTSELF. YOU COULD STRETCH THJS TO BE A SENTENCE

The function `JTOI()` should display the following content:

WELL, THIS IS A WORD BY ITSELF. YOU COULD STRETCH THIS TO BE A SENTENCE **Solution**

11. Write a function `AMCount()` in Python, which should read each character of a text file STORY.TXT, should count and display the occurrence of alphabets A and M (including small cases a and m too).

For Example:

If the file content is as follows:

Updated information

As simplified by official websites.

The `EUCount()` function should display the output as:

A or a:4

M or m :2**Solution**