

Exp 3: File handling

Problem statements

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

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

3. 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.

4. 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]

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

6. Write a function in Python to count uppercase character in a text file

7. 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

8. Write a function to search and display details of student whose rollno is '1005' from the binary file student.dat having structure [rollno, name, class and fees].