Instructions:-

- *The programs should be user friendly.*
- *Program should have comment at the top with given information*
  """Assignment1 Question1 Done By Your Name
  Date """
- *Program should be documented properly with necessary comments.*
- *The program outputs should formatted.* **Make a word file and copy the output screenshots.**
  Students can take the print of the sample output.

Q1   Write menu driven python program to create a text file **story.txt** and perform given operations. The menu options are:-
1) Add more content to the file.
2) Display the entire file content
3) Read the contents of the file story.txt and display the report.
   No. Alphabets
   No. of digits
   No. of Spaces
   No. of Special Characters.
4) Read the contents of the file story.txt and display the report.
   No. uppercase vowels
   No. lowercase vowels
   No. consonants
5) Read the contents of the file story.txt and display the report.
   No. of words
   No. of lines.
For each menu write a function and call it in the main program.

Q2   Write menu driven python program to create a text file **performance.txt** and store information of students like (name, rollno, marks of three subjects) and perform given operations. The menu options are:-
a) Add Student Info
b) Display in tabular way all students' information.
c) Display all the student name and their percentage.(%marks=sum of three subject marks*100/total marks)
d) Display the top three students as per the percentage.
e) Search for a particular student(by name)

For each menu write a function and call it in the main program.

Q3   Write menu driven python program to create a text file **poem.txt** and perform given operations. The menu options are:-

1) Add more content to the file.

2) Display the entire file content

3) Count the number of times a particular word is present in the file. Input the word from the user.

4) Remove the lines which start with a particular alphabet. Input the alphabet from user.

5) Display the size of the file.

6) Display the most used word from the file. Ignore the common words like "is", "a", "an", "the","in","and","of","it","then","that".

7) Remove the extra spaces and blank lines from the file.

For each menu write a function and call it in the main program.