

Python Programming Laboratory (CSL48)

USN:

Week #: 06

Semester:

Section:

Date:

Instructions:

- **Implement the following programs using python language.**

Programs:

1. Develop a python program to create a text file and ask the user to enter their details like USN, Name, Semester, Subjects and CGPA in different lines. Display the details of the file.
2. Develop a python program to create a text file and ask the user to enter 5-6 lines of text. Count the number of upper case, lower case and digits in the file. Display the details of the file.
3. Develop a python program to create a text file and ask the user to enter 5-6 lines of text. Display the total number of lines, characters and digits present in the file. Also display how many times a specific word has appeared in the file.
4. Develop a python program to create a text file and ask the user to enter 5-6 lines of text. Display the total number of vowels and white spaces present in the files. Replace all the occurrences of a specific word from the file with the new word. Replace all the white spaces from the file with "_".
5. Develop a python program to create a text file and ask the user to enter 10 lines of text. Display the file in the reverse order. Display the 2nd and 3rd lines of the file. Display last 2 lines of the file.
6. Develop a python program to create a text file and ask the user to enter 5-6 lines of text. Display the longest and the shortest word from the file. Display the length of these words.
7. Develop a python program to create 2 text files "file1.txt" and "file2.txt". Enter 10 random numbers in both of these files. Sort and merge the numbers from these two files and store it in a 3rd file named "Result.txt". Display the details of these files.

EVALUATION			
Program	Remarks	Marks	Faculty Signature
Program - 1			
Program – 2			
Program – 3			
Program – 4			
Program – 5			
Program – 6			
Program – 7			