# PYTHON II LAB (PCCAIML492)

## Assignment 1

1. Write a method in python to write multiple line of text contents into a text file mylife.txt.
2. Write a python program to copy one file into another.
3. Write a python program to check whether two files are identical or not.
4. Write a python program to count the total number of anagrams in a file.
5. Write a python program to remove duplicate words in a file.
6. Write a python program to identify the longest word (by length) in a file.
7. Write a python program to identify the longest line (by length) in a file.
8. Write a python program to merge two files into another.
9. Write a python program to calculate the frequency of all the words in a file.
10. Write a function in Phyton to read lines from a text file diary.txt, and display only those lines, which are starting with an alphabet 'P'.
11. Write a method in Python to read lines from a text file INDIA.TXT, to find and display the occurrence of the word 'India'. 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 4.
12. Assuming that a text file named first.txt contains some text written into it, write a function that reads the file first.txt and creates a new file named second.txt, to contain only those words from the file first.txt which start with a lowercase vowel (i.e., with 'a', 'e', 'i', 'o', 'u'). For example, if the file first.txt contains: Carry umbrella and overcoat when it rains. Then the file second.txt shall contain: umbrella and overcoat it.
13. Write a function in Python to count and display number of vowels in text file. For example, if the file first.txt contains: aaaa then the output will be 4.
14. Write a python program to read specific lines from a file.
15. Write a python program to remove specific lines from a file.
16. Write a python program to read a string from the user and append it into a file.
17. Write a python program to capitalize first letter of each word in a file.
18. Write a python program to extract numbers from a text file.
19. Write a python program to read the contents of a file in reverse order.
20. Write a python program to delete words at even position in a line of a file.