LAB ASSIGNMENTS
PYTHON PROGRAMMING LAB
MCA 1st Year 1st Semester, 2023
Subject Code: MCA1152

Day 5

1. Write a Python script to copy a text file.

2. Write a Python script to find number of characters, words and lines in a file.

3. Write a Python script to obtain the line number in a file in which a given word is present.

4. Write a Python script to accept string/sentences from the user till the user enters "END". Save the data in a text file and then display only those sentences which begin with 'T'.

5. The sample file student.txt contains one line for each student. The student's name is the first entry on each line, followed by some exam scores. The number of scores might be different for each student. Using the text file student.txt, write a Python script that prints out the names of students those have a total score more than 500.

6. Write a Python script that reads lines from a file, adds line numbers to them, and then stores the numbered lines into a new file. The name of the input file and also the new file will be read from the user. Each line in the output file should begin with the line number, followed by a colon and a space, followed by the line from the input file.

7. Write a Python script that identifies the longest word(s) in a file and output a message that includes the length of the longest word, along with all the words of that length that occurred in the file.

8. Create a Python script that removes all comments from a Python source file and save the modified file with a new name.