<u>FILE HANDLING RECORD FILE QUESTIONS</u>

1. Write a method in Python to create a text file 'notes'.
   Read the file and count '.' and ',' (as separate counts). Display the contents of original file and count.
   INDEX: Working on individual characters in a textfile

2. A file 'sports' contains information in following format :
   Event participant (in notepad with a single space separating both).
   Write a method that would read the contents and creates a file named 'athletics', copying only those records from sports where the event name is 'athletics'.
   INDEX: Conditional copy of a text file.

3. Write a method to create a textfile 'original' with 5 lines in it. Copy all the contents of the original file into another file called 'copy', by removing all the lines that contain alphabet 'a' in it.
   INDEX: Copying from a textfile after modification.

4. Write a method to read characters from the keyboard one by one. Write all lowercase alphabets get in a file 'lower', all upper case alphabets in a file 'upper' and all other characters in 'others'. Display the contents of all the three files.
   INDEX: Multiple file handling.

5. Create a textfile with 5 lines in it. Read the textfile line by line and display each word separated by '#'
   INDEX: Working with lines and words.

6. Create a textfile having 10 email address in it. Each address is stored in a separate line. Find out the most common domain name present in the file and display it.
   Note: The username comes first, followed by an at (@) symbol, followed by the domain name.
   INDEX: Searching a textfile.

7. WAP to work with a binary file. The file contains the records of the student having the following format.
   Sno, Name and marks (taken as a list)

   Write a menu driven program to do the following.
   a. Add a record

b. Display all records
c. Accept Sno and modify the marks of that student
d. Accept Sno and modify the name of that student.

INDEX: Binary file handling.
Note:
1. Updation is done on the original file.
2. Implement add() , display() , Marks_mod() and Name_mod() functions for each of the menu option given above.

8. WAP to work with a CSV file. The file contains the records of the student having the following format

Rno, Name and marks (taken as a list)

Write a menu driven program to do the following.

a. Add a single record
b.Add a multiple record in one GO
c. Display all records

INDEX: CSV file handling.

Note : Implement Addone( ) ,Addmany() and Display() functions for the above menu options.