Sheet 3

1- Write a python program that reads a file and print the number of plandromic words that it contains.

2- Write a program that prompts the user to enter a text filename and displays the number of vowels and consonants in the file.

3- Write a program that prompts the user to enter a text file, reads words from the file, and displays all the non-duplicate words.

4- Write a program to remove newline characters from a file and write the result in another file.

5- Write a program to read the first n lines of a file. Prompt the user to enter the value for n.

6- Write a program to read the last n lines of a file. Prompt the user to enter the value for n.

7- Write a program to combine each line from the first file with the corresponding line in the second file in a tuple.

8- Write a program that reads the contents of the file and counts the occurrences of each letter. Prompt the user to enter the filename.

9- Write a program to read and write the contents from one csv file to another.

10- Write the following dataset to a csv file with name "employee.csv"
    emp_name, sal, dept
    'a', 100, 'cs'
    'b', 200, 'is'
    'c', 300, 'cs'
    'd', 400, 'ds'
    'e', 500, 'cs'
    'f', 600, 'cs'
11- Using employee.csv file to find the number of employees working in cs dept