Homework Assignment 8

Due Date: Monday, April 5, 2021 at 11:59 pm

Total Points: 10 pts

The purpose of this assignment to give you the opportunity to practice and apply the knowledge gained from today's class to solve real problems. This ultimately will allow you to learn how to write a python program to read and manipulate the content of text file 😊

Please follow the instructions below to complete your assignment task:

1. Make sure you already have both python 3.5 + and/ or any IDE of your choice installed on your computer. If not, please refer to today's lecture slide and follow the instructions in url link on slide to download and install the software.

    a. Write a *user-defined* function called **word_count** that uses the '**with open()**' function to pull in the text contained in the '**alice.txt'** file (alice.txt file is posted on canvas) and returns the count of the number of words in the file **'alice.txt'** (note that the **'alice.txt'** should be saved in a location on your machine and its content pulled into your program). **Print** the returned value by the function (i.e., count of the words in '**alice.txt'** file) along with the following text: "The file **alice.txt** has about ", *returned_value_of_word_count* + "words". Save program file with the name **wordcnt_lastname.py**

    b. Take screenshots of the results displayed for your program in (a) above. Submit the screenshot along with your program file i.e., **wordcnt_lastname.py** and in a zipped folder