In this lab, we will learn to:

1. Use lists to store data
2. Import modules
3. Call functions with arguments
4. Implement algorithms to compute statistics

Start by downloading *500DayFruitData.txt* from D2L. Next you will need to create two files. The names should be

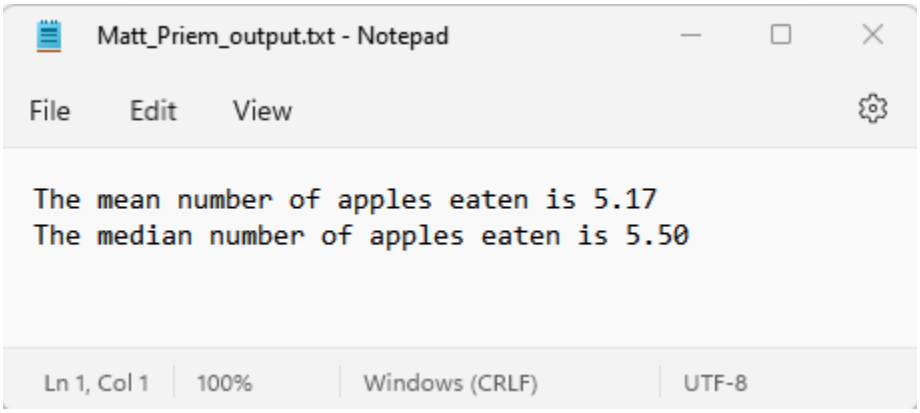
- FirstName_LastName_MyProgram.py
- FirstName_LastName_Stats.py

In FirstName_LastName_Stats.py create two functions named Mean and Median that calculate the mean and median, respectively. Each one should accept a list of numbers as an argument and return a single number.

Your FirstName_LastName_MyProgram.py should

- Get the information from the *500DayFruitData.txt* file.
- Use the functions defined in FirstName_LastName_Stats.py to calculate
  - The mean number of apples eaten. (Only include days were apples were eaten).
  - The median number of apples eaten. (Only include days were apples were eaten).
  - You don't need to make any calculations for bananas or strawberries.
- Output the mean and median values to a file named FirstName_LastName_Output.txt

You should get output similar to the following... (Averages may vary)



When you're all done upload all of the following to D2L

- FirstName_LastName_MyProgram.py
- FirstName_LastName_Stats.py
- FirstName_LastName_Output.txt