# **M2HW2 FilesExceptions (Assignment Details)**

**Introduction**:

This assignment will require reading and analyzing text file content.

**Instructions**:

For this assignment you will complete exercise 9.12 on page 351 of your textbook. Archive.org, is one of the sites you can go to to download the required the speech of your choice.

1.Create a Python code file named M2HW2\_FilesExceptions\_FirstLast.py   
(replace "FirstLast" with your own name)  
2. Add a title comment block to the top of the new Python file using the following form

# A brief description of the project  
# Date  
# CSC221 M2HW – FileExceptions  
# Your Name

4. Display the following menu **10 points**

MENU

1. Display Entire Speech

2. Display Total Word Count

3. Display Total Character Count

4. Display Average Word Length

5. Display Top Ten Longest Words

6. Exit Program

5. Enter your choice:

If a user enters a value other than 1 thru 6, display a message that tells them their entry was invalid and ask that they renter a correct value. **10 points**

6. Details about each menu option:

1. Display Entire Speech (10 **points** )

When 1 is entered, read the downloaded text file and display speech on screen

2. Display Total Word Count (10 **points** )

When 2 is entered, read downloaded file and **display total word count**

3. Display Total Character Count (10 **points** )

When 3 entered, read downloaded file and **display total character count**

4. Display Average Word Length (10 **points** )

When 4 is entered, read downloaded file and **display Average Word Length**

5. Display Top Ten Longest Words (20 **points** )

When 5 is entered, read downloaded file and **display the top ten longest words**

6. Exit Program (**10 points** )

Display a good-bye message and terminate the program

**Submit** your finished code solution file(s) through the assignment link below

**Grading criteria**:

• Shown next to each required point in instructions above

• Pseudocode and block comment (**10 points** )