General Points

- Program12 can be completed using content from the following chapters:
    - Python @ ACC - Welcome! through File I/O & Modules
    - Textbook - Chapters 6 – 13 with emphasis on 12 and 13
- You are encouraged to work with Google Spreadsheets. However, this optional since it requires the use of your Google account to enable the API.
- Create a file named program12.py.
- Do not repeat identical examples from the course material.

Requirements (these are the requirements to identify by _number_):

See the **_Resources_** link in Blackboard to download files required by Program12.

1. Output a header in the console: "This is Program12 - <yournamehere>"
2. Print "This program demonstrates using Python to perform web scraping and working with Excel spreadsheets."
3. Ask the user to copy a U.S. street address to the clipboard. Programmatically open a web browser with Google maps pointing to the address supplied by the user.
4. Ask the user to enter the URL of a web page. Programmatically select the <p> elements on the page and display the text of each <p>.
5. Create a class named ExcelProcessing. Use that class and any other functions you may need to organize the operations of this program. Include the data and functions in the class to perform the requirements below.

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6. Display the list of sheets in example.xlsx.
7. Inform the user of cells that can be read from example.xlsx and ask the user to enter a cell (e.g. B7). Display the value located in that cell (e.g. Strawberries).
8. Ask the user to enter a rectangular section from example.xlsx (e.g. A3:C7). Display the values in the cells of that rectangular section.
9. Print a statement explaining your experiences with Program12. Make this authentic (minimum of 2-3 sentences).

TEST – TEST – TEST your application to ensure the requirements are met.

- Use the list above and the common requirements as a checklist.
- Not meeting all requirements = 0 points for the assignment.