Programming Project #3

CIS 2151 – Oakland Community College
Prof. John P. Baugh

Points: _____ / 125

Objectives

- To apply techniques involved in GUI design
- To keep track of items in a list

- You **must use JavaFX not Swing, or any other library[1]**

Instructions

For this assignment, you will be building a Favorite Movies application. The application should have a list with the items displayed, a textbox for adding new items to the list, and four buttons: **Add**, **Remove**, **Load**, and **Save**.

The **Add** button takes the contents of the text field (textbox) and adds the item in it to the list. Your code must **trim the whitespace** in front of or at the end of the input in the text field. Infix whitespace is okay (e.g., Dune 2021, Star Trek 2009, Avengers: End Game.) Also, the text in the textbox should be **converted to a lowercase representation** (e.g., "Lord of the Flies" is converted to "lord of the flies").

The **Remove** button removes a selected item from the list. The list should allow the user to select more than one item at a time. If no items are selected when the user clicks this remove button, then the application should pop up a message box saying, "Please select an item to delete!"

The **Load** button loads the previously saved movie list into the list widget on your interface.

The **Save** button saves a copy of the movie list to a file, named **movies.txt**. If the movies.txt file doesn't exist, this operation creates it. If it does exist, it will simply overwrite it.

You should produce a user-friendly interface of your own design.

Deliverables / Submission Instructions

- You need to turn in your source code (the ENTIRE Apache NetBeans, or other IDE, project) **zipped up.**
    - This includes all Java source files, as well as resources, etc.
    - The zip file should be submitted to D2L under the appropriate assignment directory. **Just name the zip folder/file Proj3.zip** – D2L automatically attaches your name to it.
- The zip file should also contain, in the top level of the folder, **screenshots** of your project working

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[1] Use JavaFX. K? Kthx. Kthxbye.