EXERCISE #3:

ItemEvent Class

INSTRUCTIONS

Write a Java Swing application that uses the following GUI components:

- 1 JComboBox - used to display a list of song titles (provide at least 5 titles)
- 1 JTextArea - used to display the lyrics of the selected song title from the JComboBox
- 3 JCheckBoxes - used for the following choices: Normal, Bold, Italic
- 3 JRadioButtons - used for the font sizes: Small, Medium, Large

The program should allow the user to select a song title from the JComboBox. When a title is selected, the lyrics corresponding to the song should be displayed in the JTextArea.

(Note: The lyrics should be displayed from a Text File. E.g. Mapua Hymn.txt)

The user should be able to choose the font size to small, medium or large. Example: If the size selected is large, the lyrics displayed in the JTextArea should appear in big font. Find out how the Font class works. An example of how to use the Font class is discussed in one of the YouTube videos provided in Week 4.
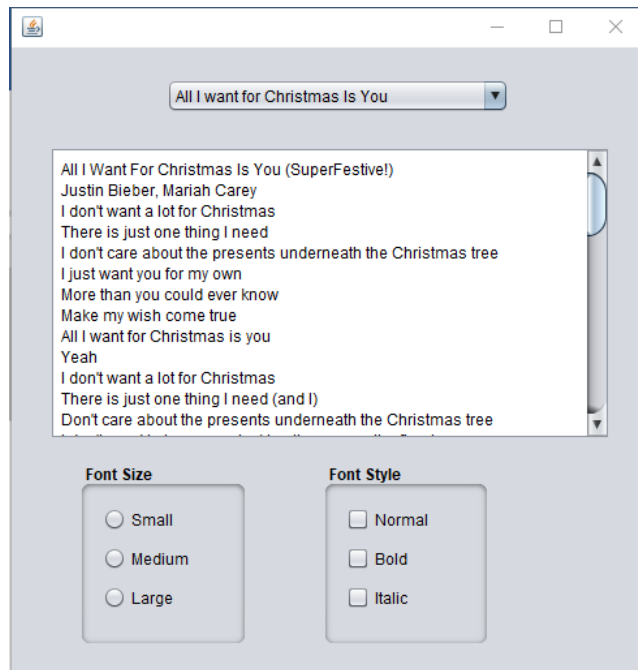
(Note: To group the JRadioButtons, add them in a panel then set the border of the panel to "TitledBorder" as follows: Right-click on the panel --> properties --> border --> TitledBorder)

The user should also be able to choose from among the following font styles:

- normal
- bold
- italic
- bold and italic

The selected font style should reflect in the text displayed in the JTextArea.

The following is a sample output of the program:

Criteria for Grading

- design of the UI. You may add images and pictures.
- correct implementation of the events
- completeness of the program