Assignment #6, CSE 205, 45 Points

Due Date : Sunday, October 15ᵗʰ , 2017, at 11:59pm.

Important: This is an individual assignment. Please do not collaborate.

Reading: Review lecture material and examples posted in the class website related to GUI development. Also, check the GUI activity 2 solutions posted.

Assignment Description: During this homework, you will be designing and implementing a simple text processor application. As shown in the screenshot below, the left hand side TextArea (while is scrollable), allows the user to either type of copy and paste the text to be processed. Your text processor allows the user the change the font size of the text based on the Radio button selections. As the user is selecting the appropriate font size button, the textArea will change font size of the text. Large is selected by default

Analysis can be done in three ways, word count, vowel count, and character count. The analysis type is given as check boxes. The user can select one, two, or all three analysis types. As, the user select this option, the analysis results textField shows the analysis results.

Note: You can use a suitable layout such as BorderLayout, GridLayout, and combinations of them in your implementation.

JTextArea Resources:

https://docs.oracle.com/javase/tutorial/uiswing/components/textarea.html

JTextField Resources:

https://docs.oracle.com/javase/tutorial/uiswing/components/textfield.html

Submission Instructions: Submit a zip file containing your solution to this homework that includes all java files of the project.

NO LATE SUBMISSIONS WILL BE ACCEPTED

Input textarea

Results textField

Text Processor

Analysis Results

Size

○ Small ○ Medium ● Large

Analysis Type

☐ Word Count ☐ Character Count ☐ Vowel Count

Font size change
radio buttons

Analysis type selection
check boxes