

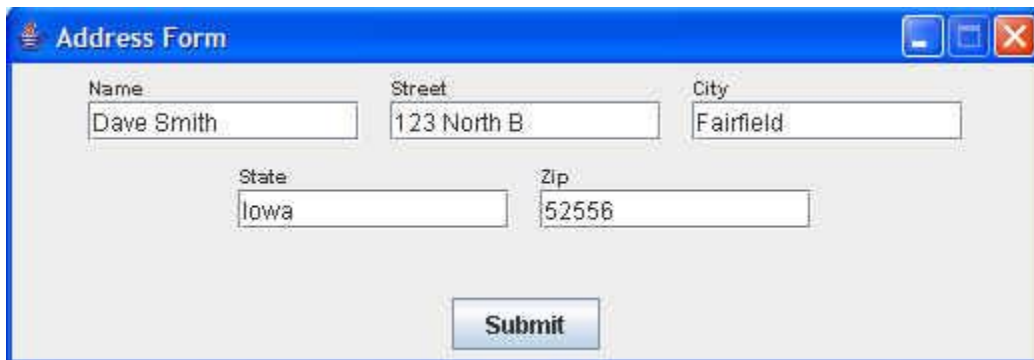
Lab 6

1. Write the JavaFX code necessary to produce the following screen:



A screenshot of a JavaFX window titled "Address Form". The window has a blue title bar with standard OS controls (minimize, maximize, close). The main content area is light gray and contains five text input fields arranged in two rows. The first row has fields for "Name", "Street", and "City". The second row has fields for "State" and "Zip". A "Submit" button is centered at the bottom of the form.

Add an appropriate EventHandler so that, when a user clicks the Submit button...

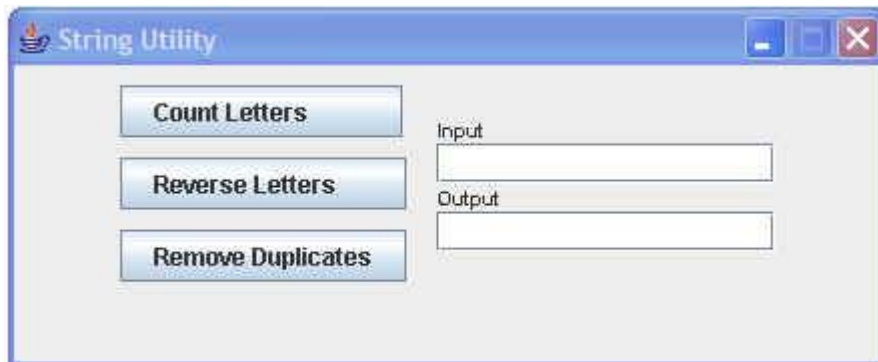


A screenshot of the same "Address Form" window, but now it contains sample data. The "Name" field is filled with "Dave Smith", "Street" with "123 North B", "City" with "Fairfield", "State" with "Iowa", and "Zip" with "52556". The "Submit" button remains at the bottom.

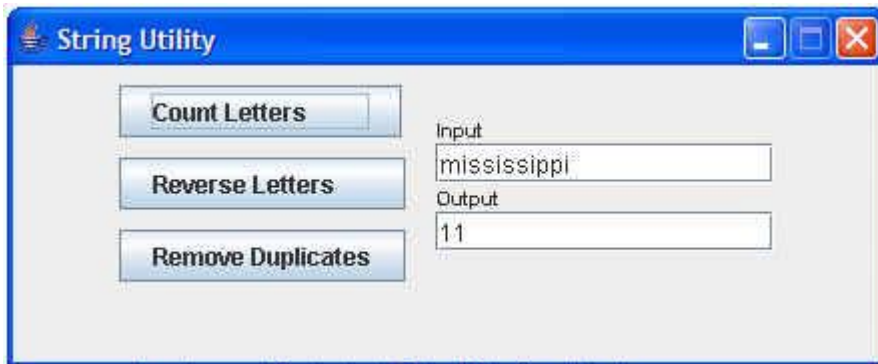
the data that has been entered into the GUI fields is output to the console in the following format:

```
Dave Smith  
123 North B  
Fairfield, Iowa 52556
```

2. Write the JavaFX code necessary to create the following screen:



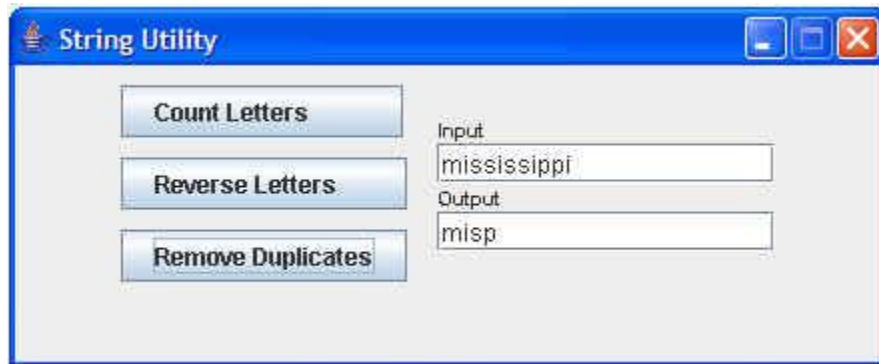
Create the necessary EventHandler so that, when Count Letters is clicked, the number of characters in the Input field is placed in the Output field,



and, when Reverse Letters is clicked, the letters in the input area are reversed and placed in the output area,



and, when the Remove Duplicates is clicked, the duplicate letters are removed and the result is placed in the output area.



- 3 . Rewrite the Login (with CSS) JavaFX application, demonstrated in class (lesson6.lecture.javaafx.logincss) using FXML.