

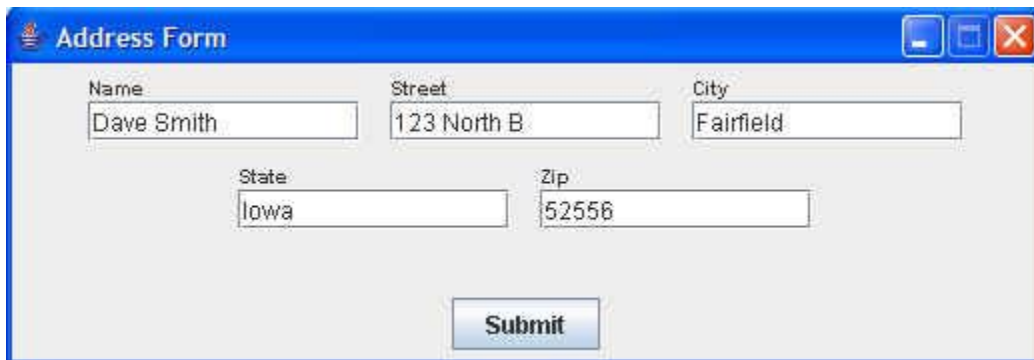
Lab 6

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



The screenshot shows a JavaFX window titled "Address Form". It 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 located at the bottom center of the window.

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

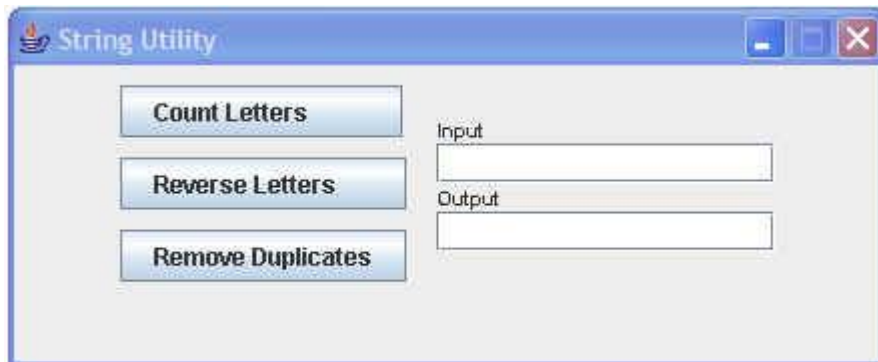


The screenshot shows the same "Address Form" window, but now with data entered into the fields. The "Name" field contains "Dave Smith", the "Street" field contains "123 North B", the "City" field contains "Fairfield", the "State" field contains "Iowa", and the "Zip" field contains "52556". The "Submit" button remains at the bottom center.

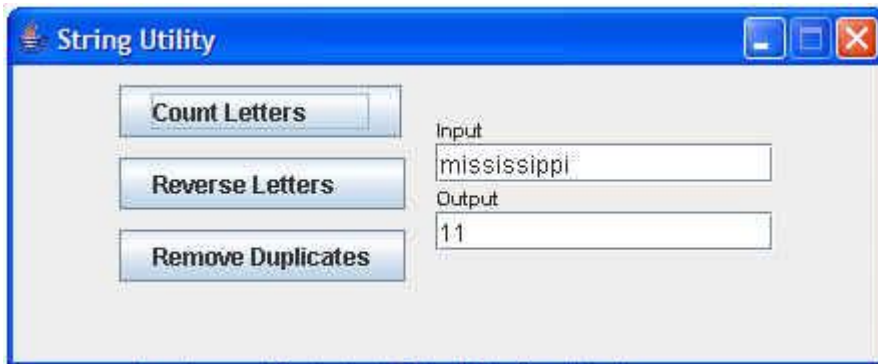
the data that has been entered into the GUI fields is output to the console in the following format:

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

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



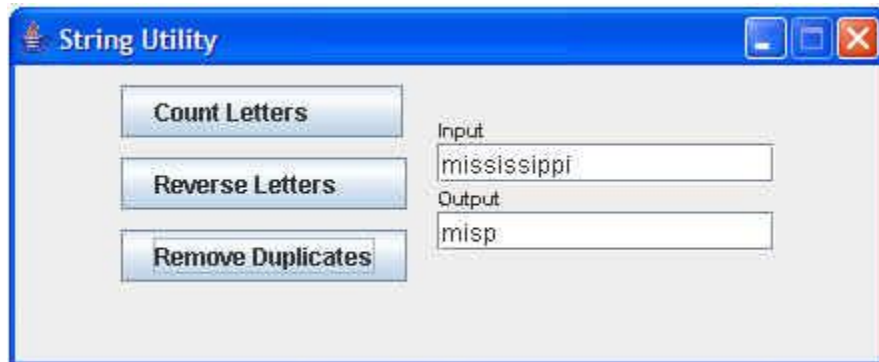
Create the necessary EventHandler so that, when Count Letters is clicked, the number of characters in the Input field is placed in the Output field,



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 problem 1 using FXML (if we were able to cover all of FXML in class on Saturday, if that was not the case, then don't worry about it).