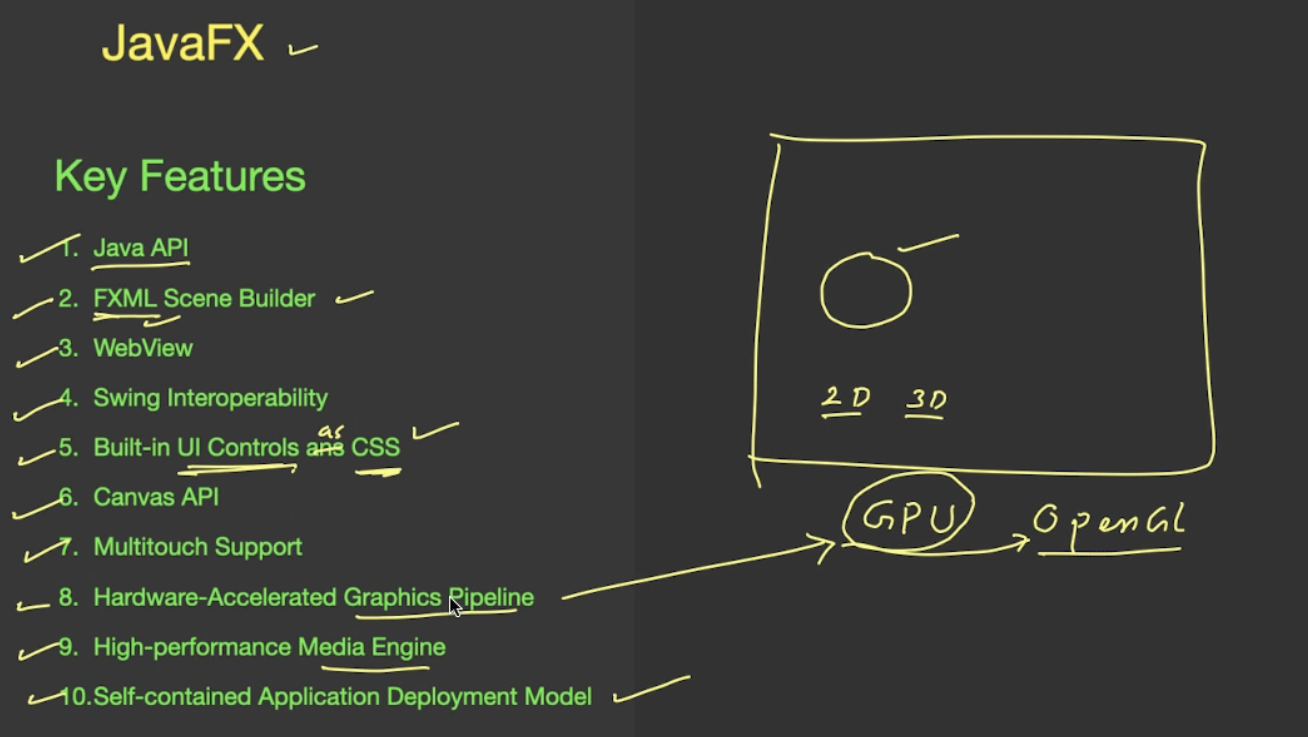
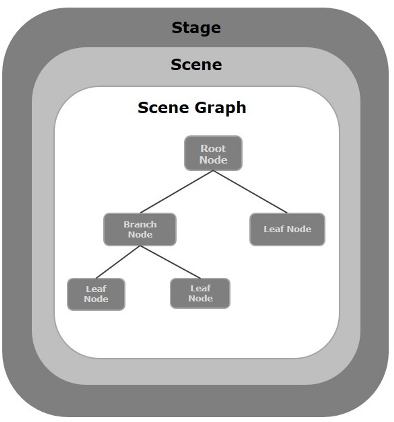
Installation procedure   
Method-1 🡪 with java jdk 8  
Method-2 🡪 open jfs

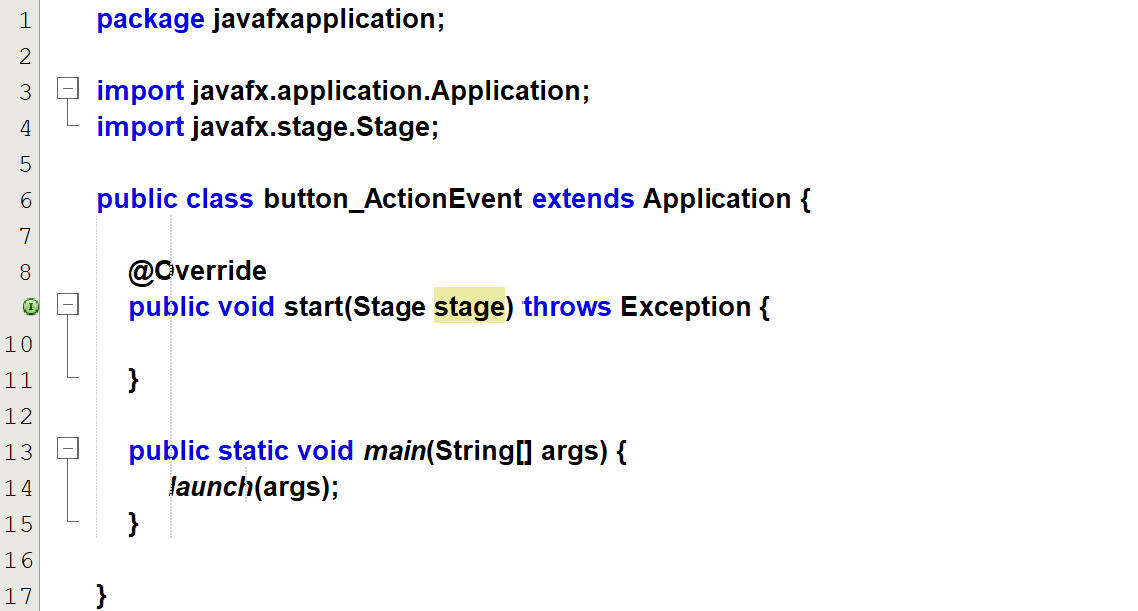


# **JAVA FX Application Structure**

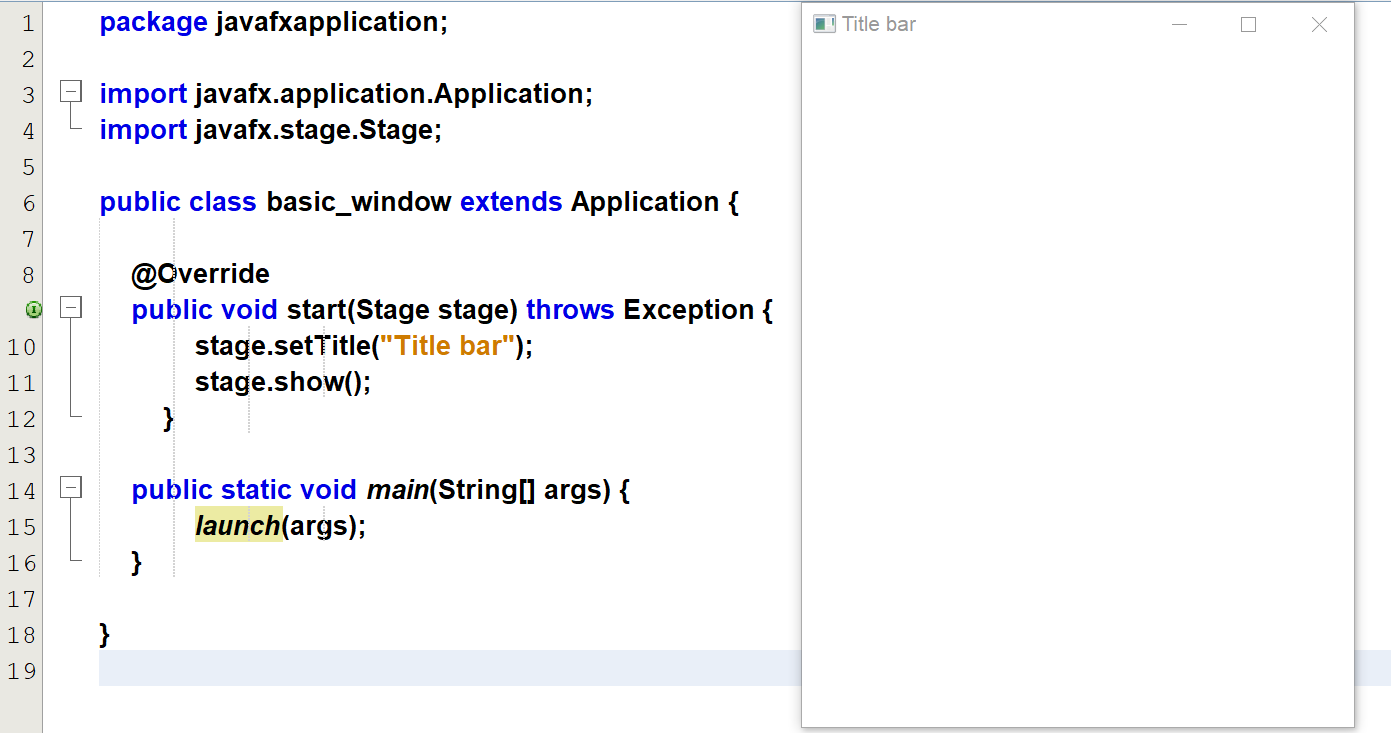


# **Java JFX Program structure**

# **Basic Java JFX Program Layout**

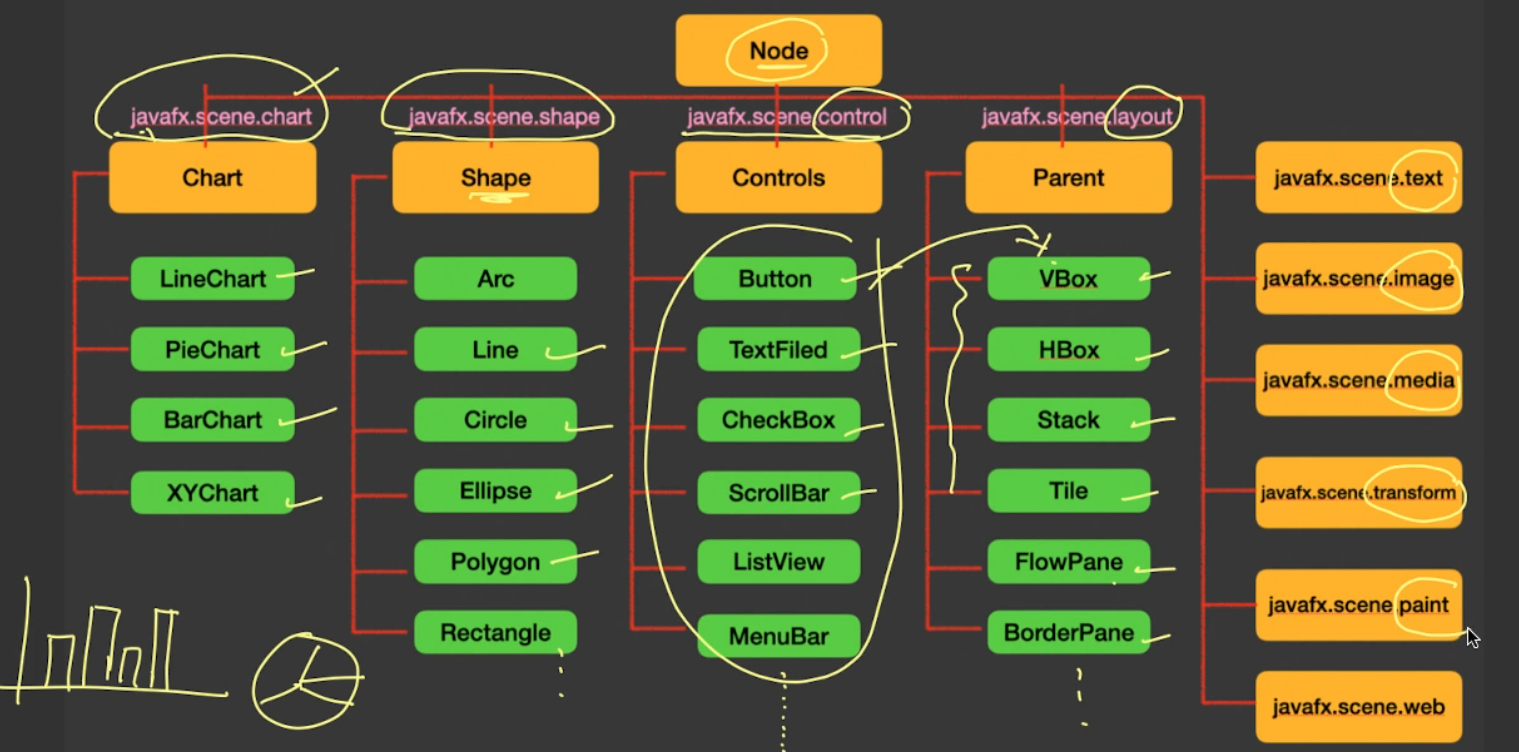


launch(args) will launch this application by calling the start method.



A stage can contains different scenes at different time.  
Scene will contain collections of graph called scene graph.

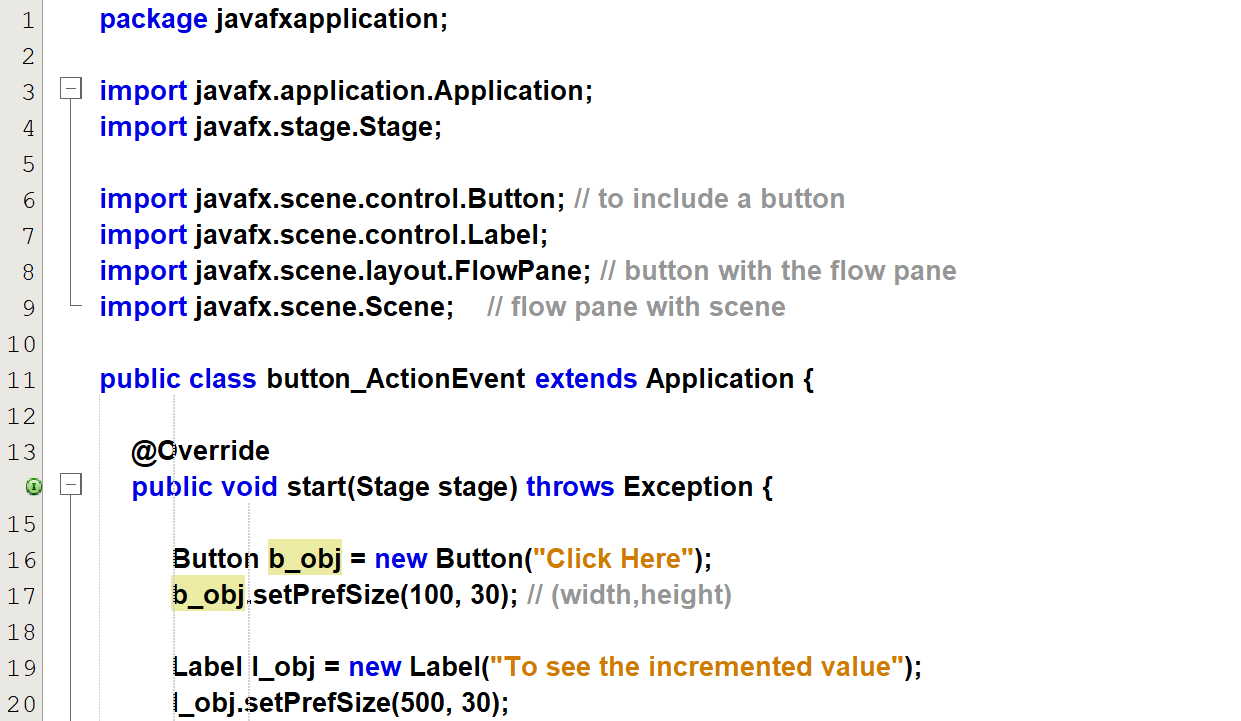
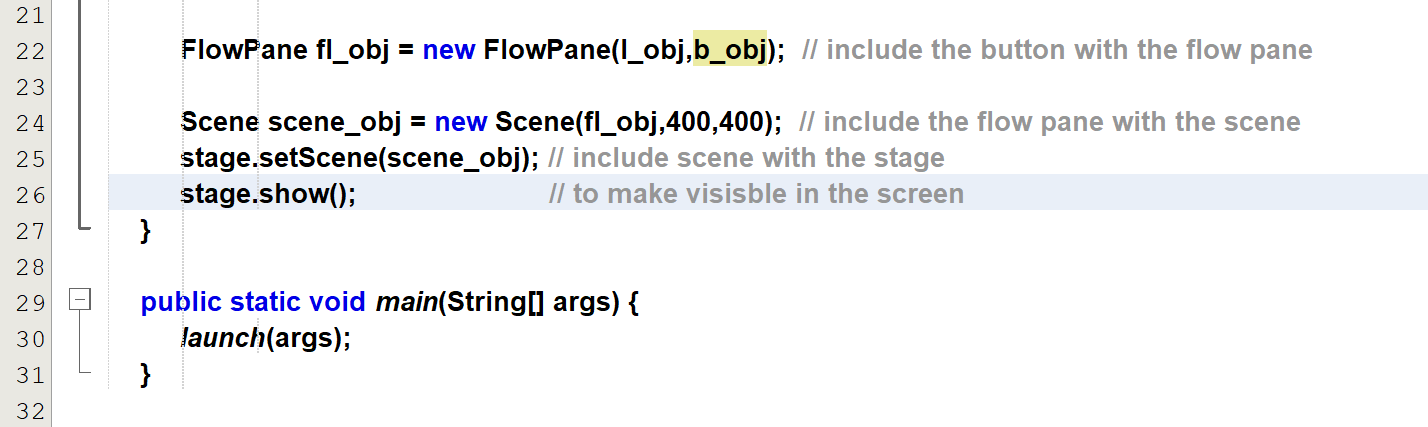
# **Structure of Java FX application**

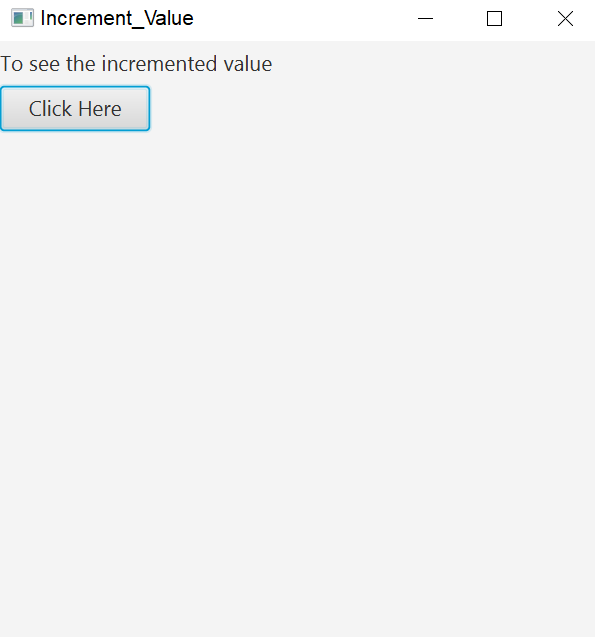


# **Structure of Java FX application**

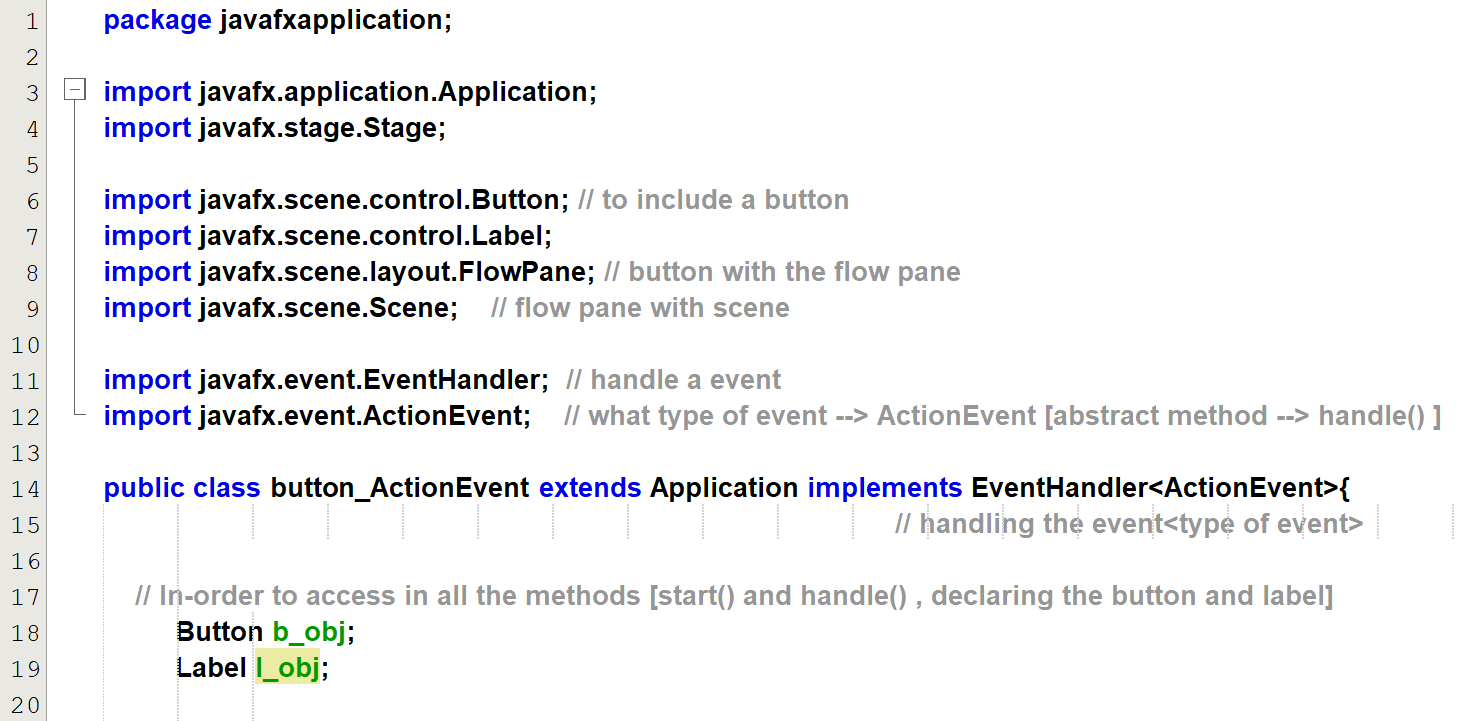
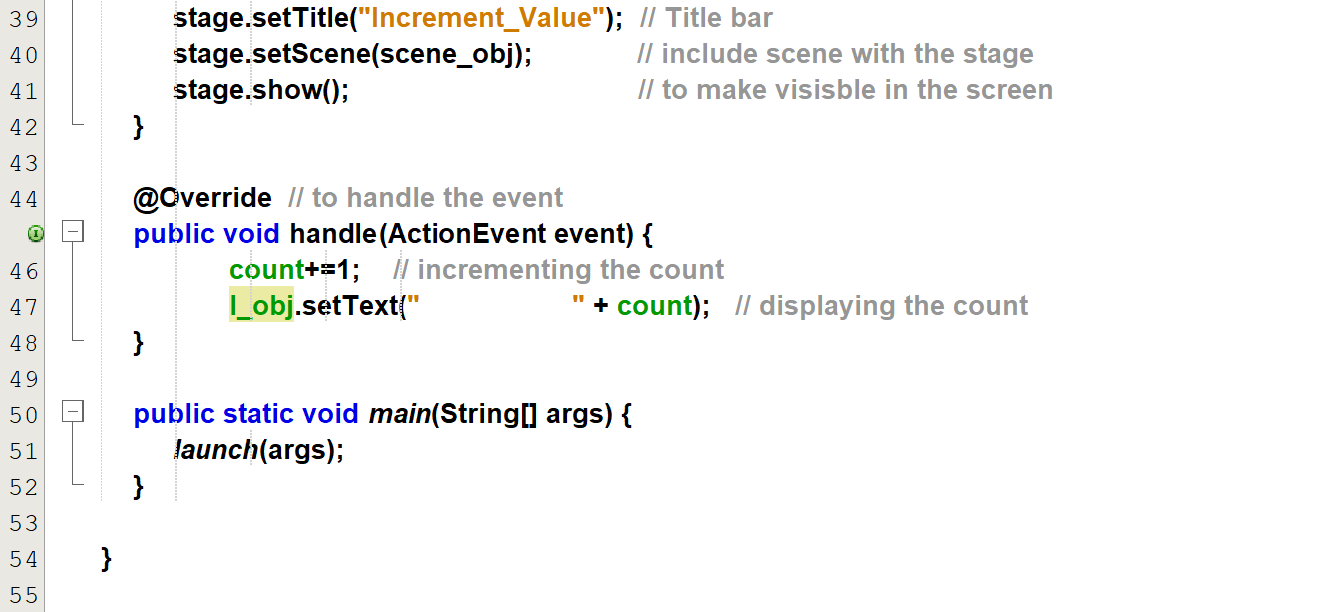
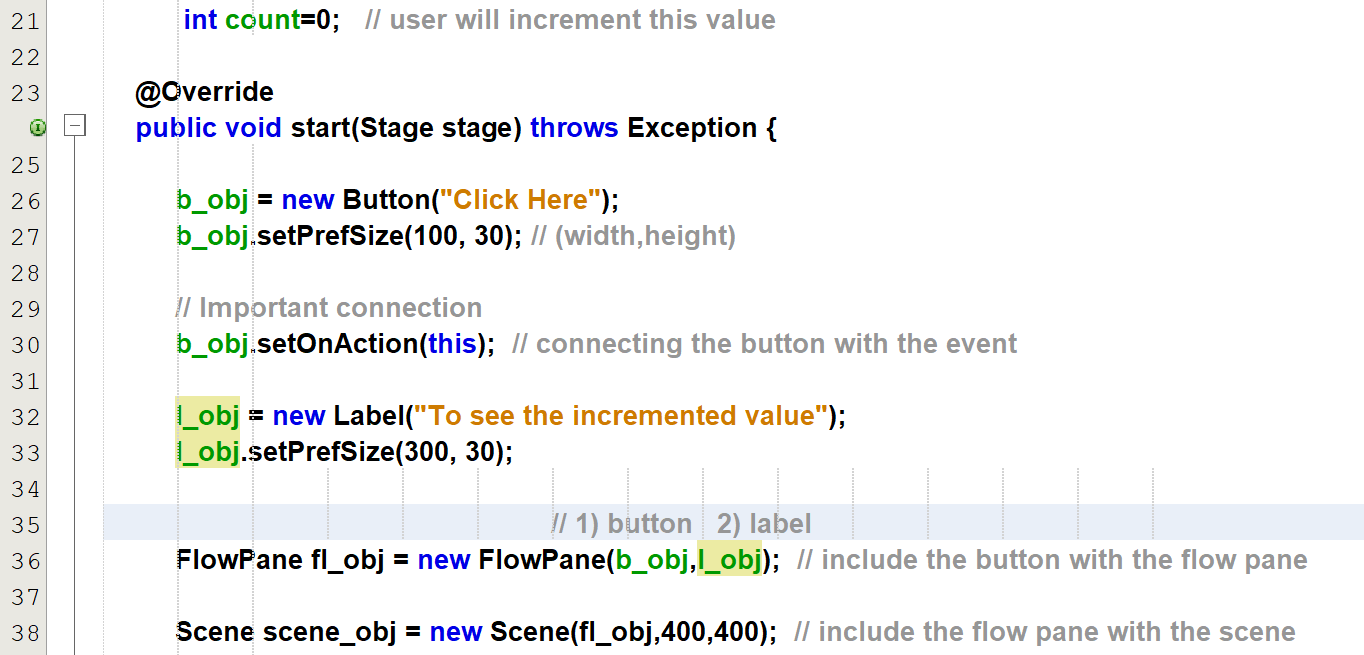


## **Refer button\_ActionListener\_method\_1.java**

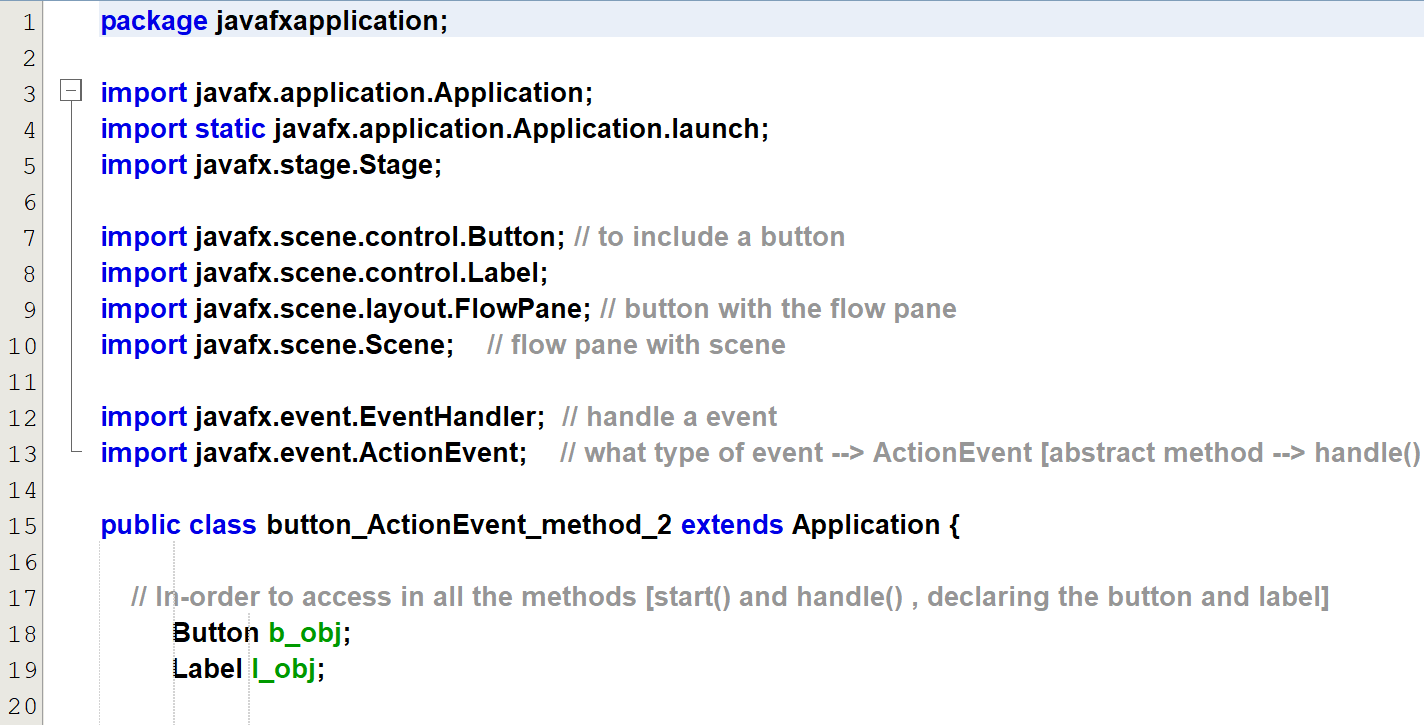
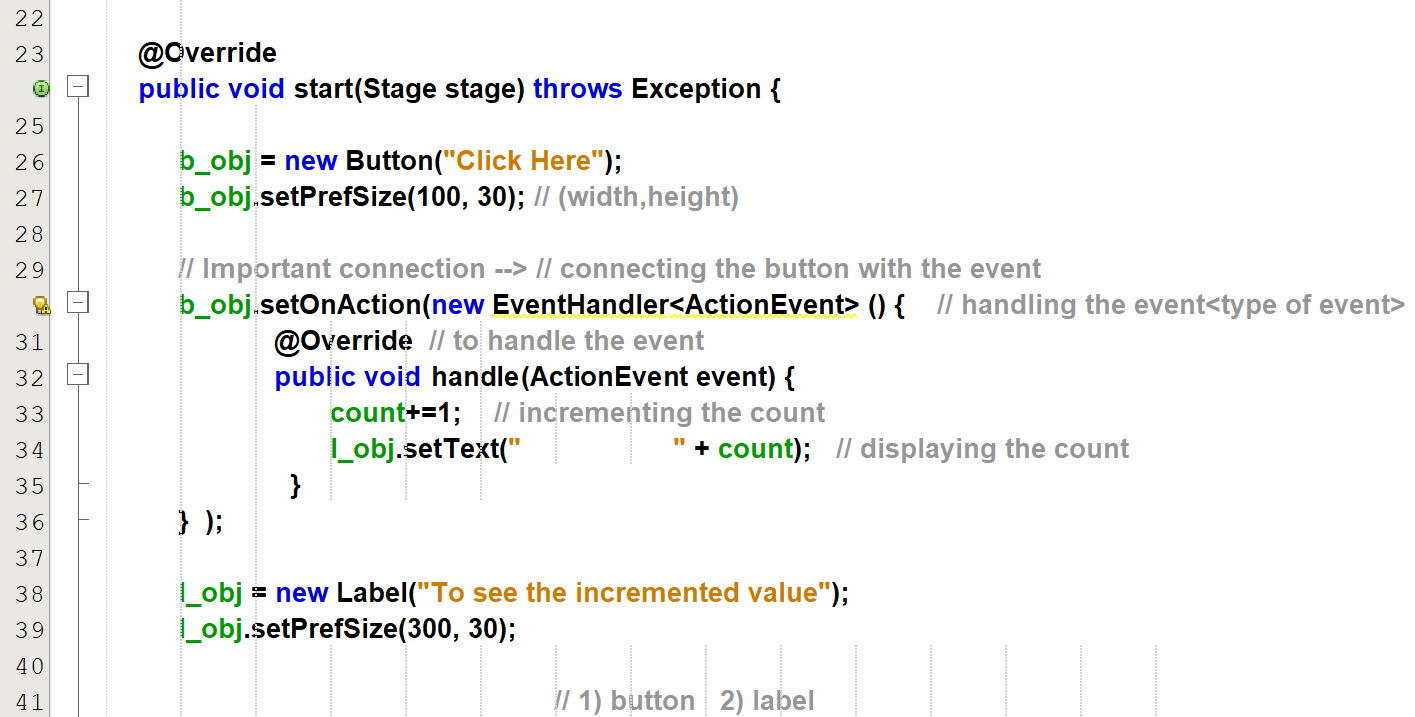
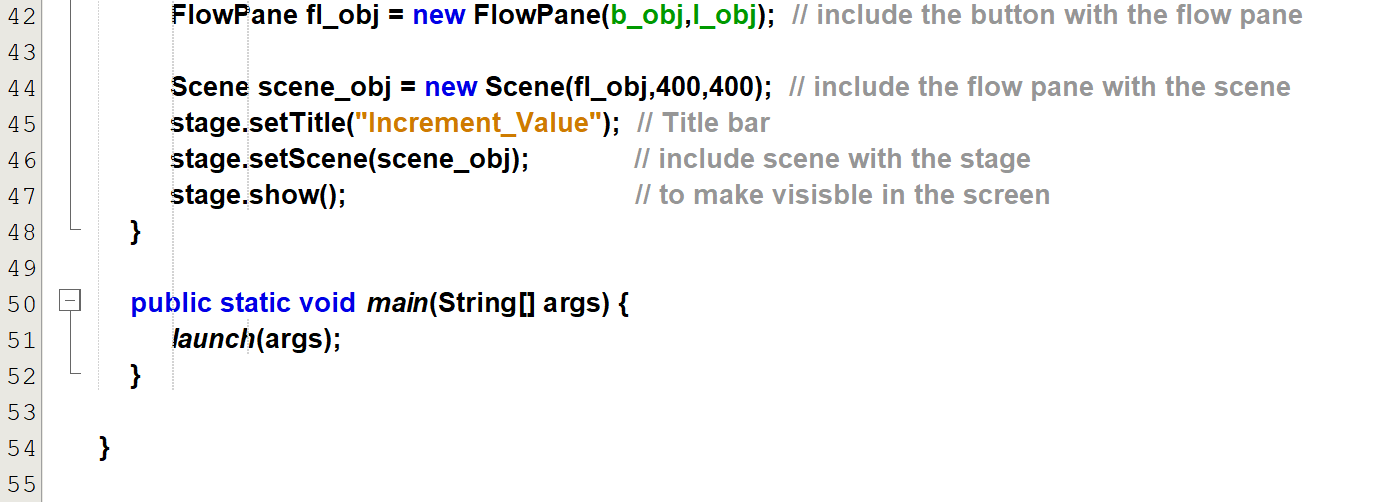
  




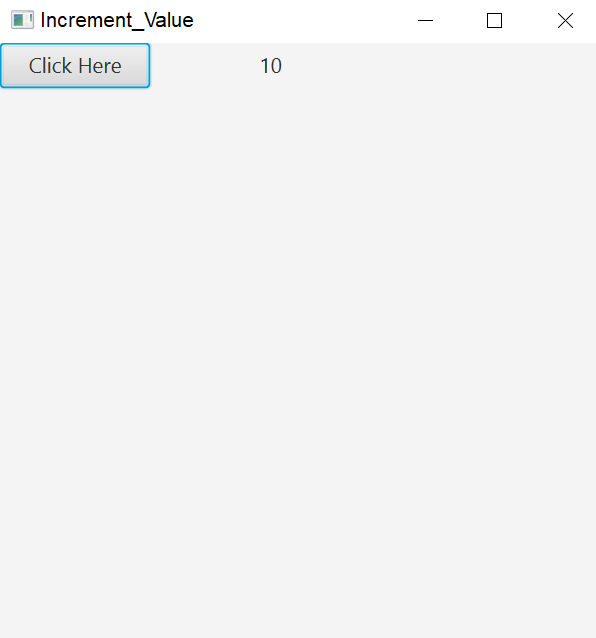
Implementing Event Handling

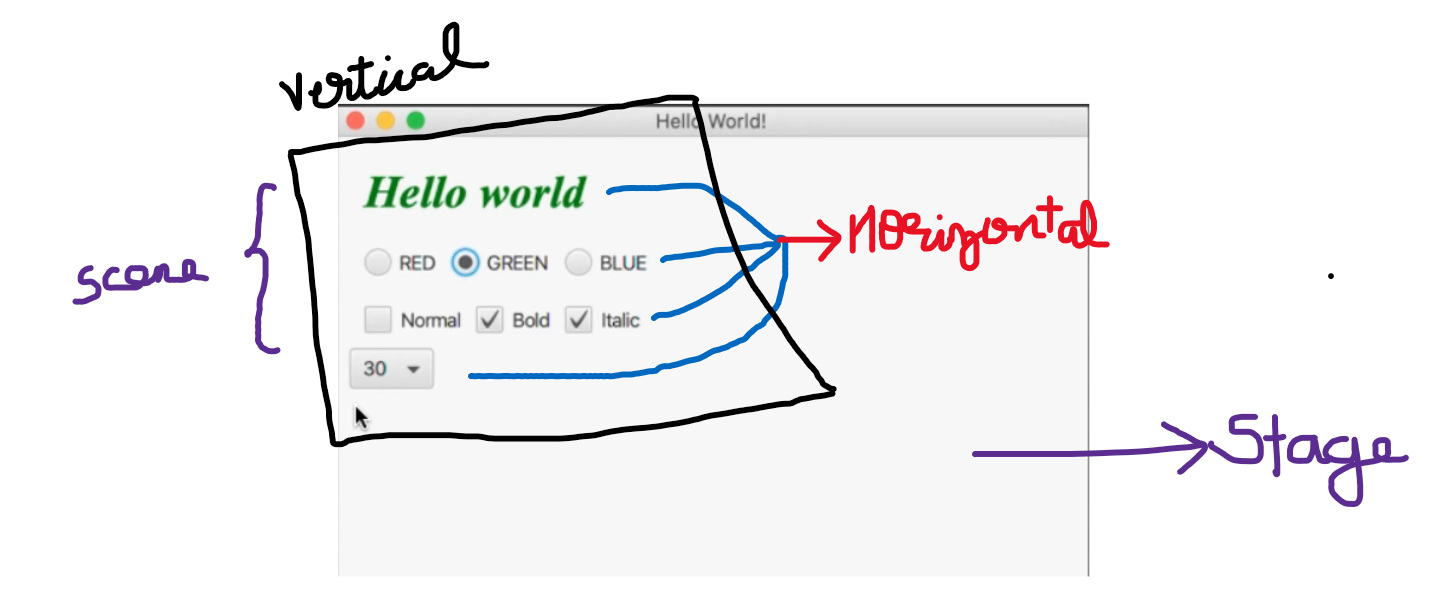
## **Refer button\_ActionListener\_method\_2.java**

## **Refer button\_ActionListener\_method\_3 [lambda expression].java**



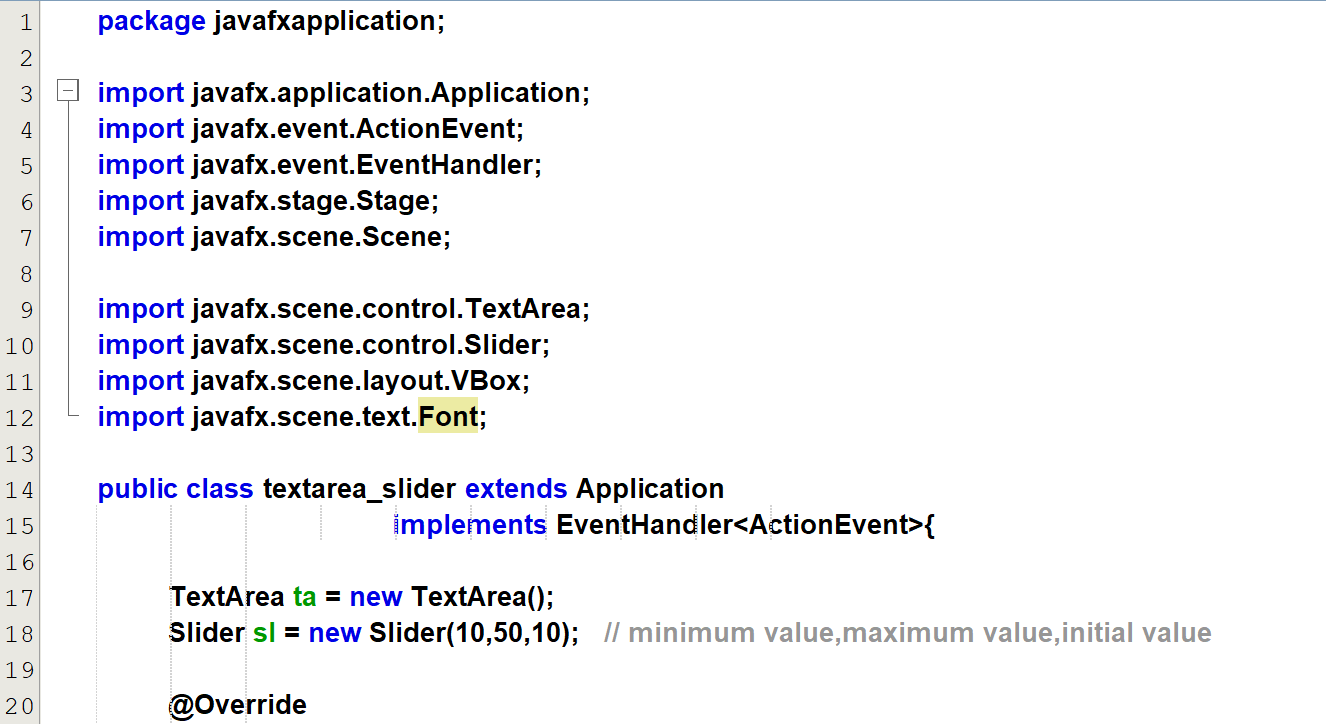
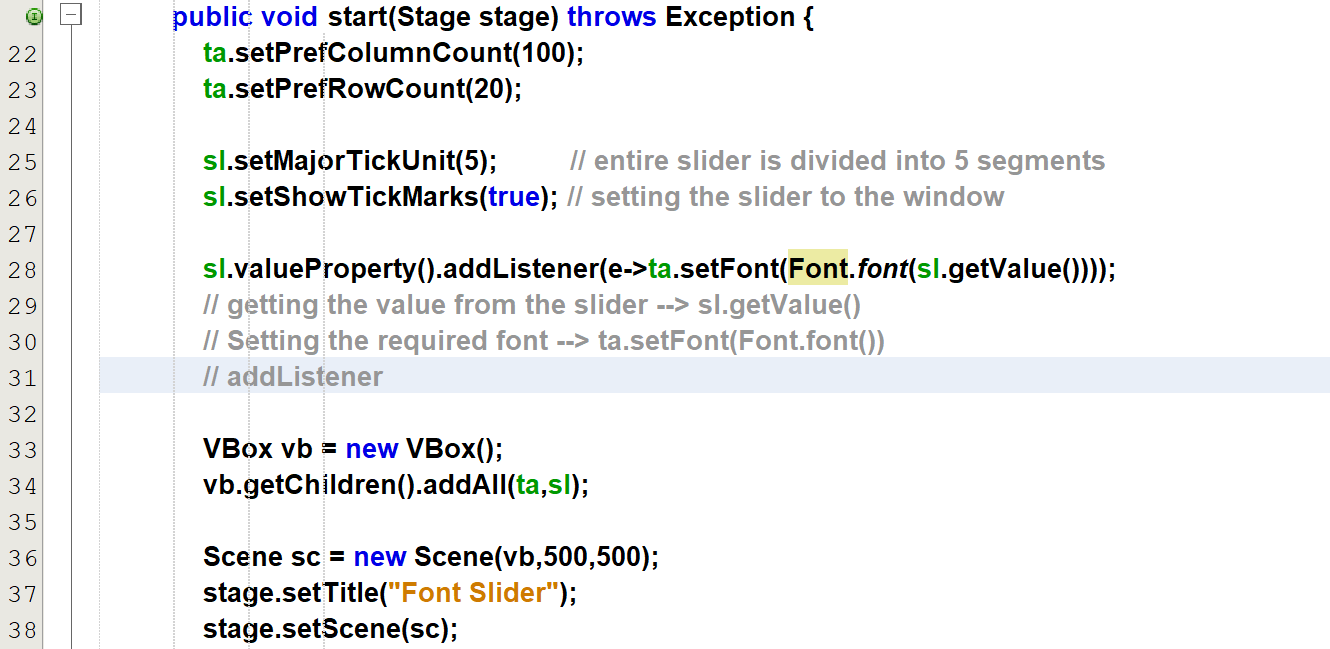
## **Refer checkbox\_radiobutton\_checkbox.java**



## **Refer textarea\_slider**

TextArea.setPrefColumnCount(); 🡪 column size of the text area.  
TextArea.setPrefRowCount(); 🡪 row size of the text area.

Slider.setMajorTickUnits(5) 🡪 the entire window is divided into 5 segments.  
Slider.setshowTickMarks(true) 🡪 to display the tick units.


Output 🡪 [textarea\_slider.mp4](output_clips/textarea_slider.mp4)

## **Refer datepicker\_colorpicker\_filechooser**

// shows the week number from the annual  
DatePicker.setShowWeekNumbers(true);