

JavaFX in 4 Days

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Day 1-4 Layouts

Contents

- Basic requirements of GUI Design
- What is Layout?
- Containers
- How to write?

Basic Requirements of GUI Design



Contents

Layout

Color

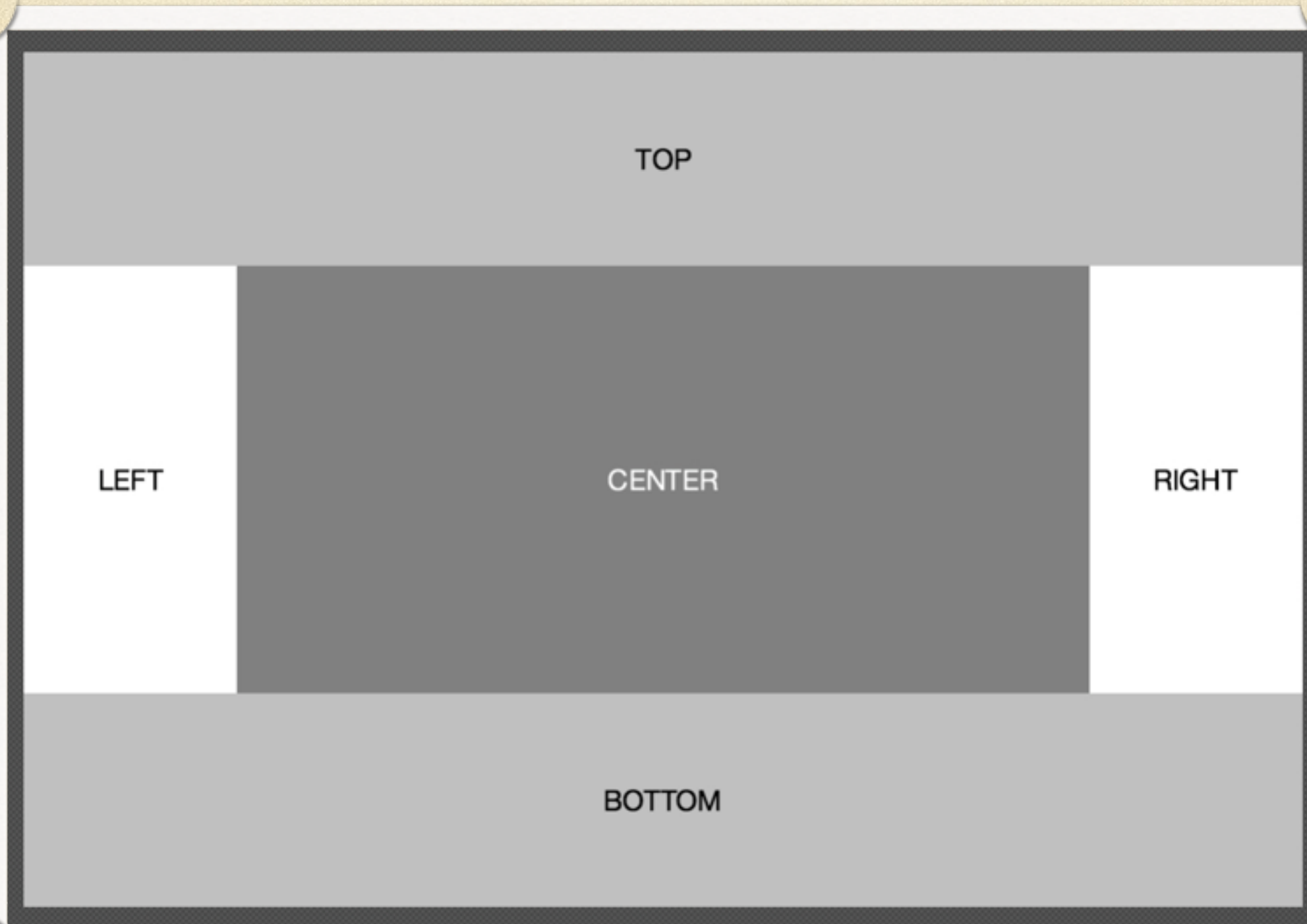
What is Layout?

- For a graphical user interface design, layout define place and size of contents
- In JavaFX layout are define by Container Objects and layout properties of each node
- For FXML you can define layout properties in Layout Tab of right panel

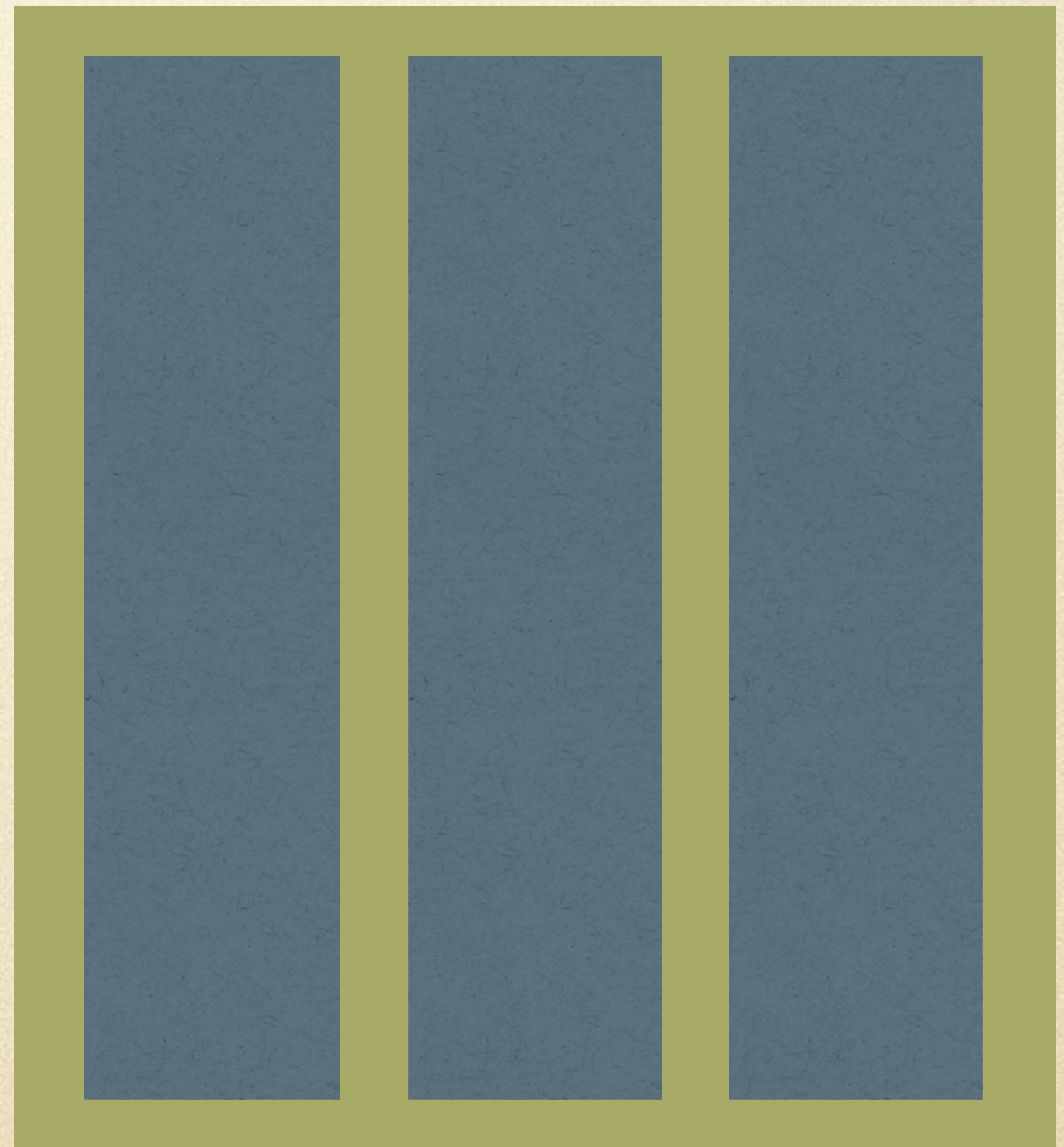
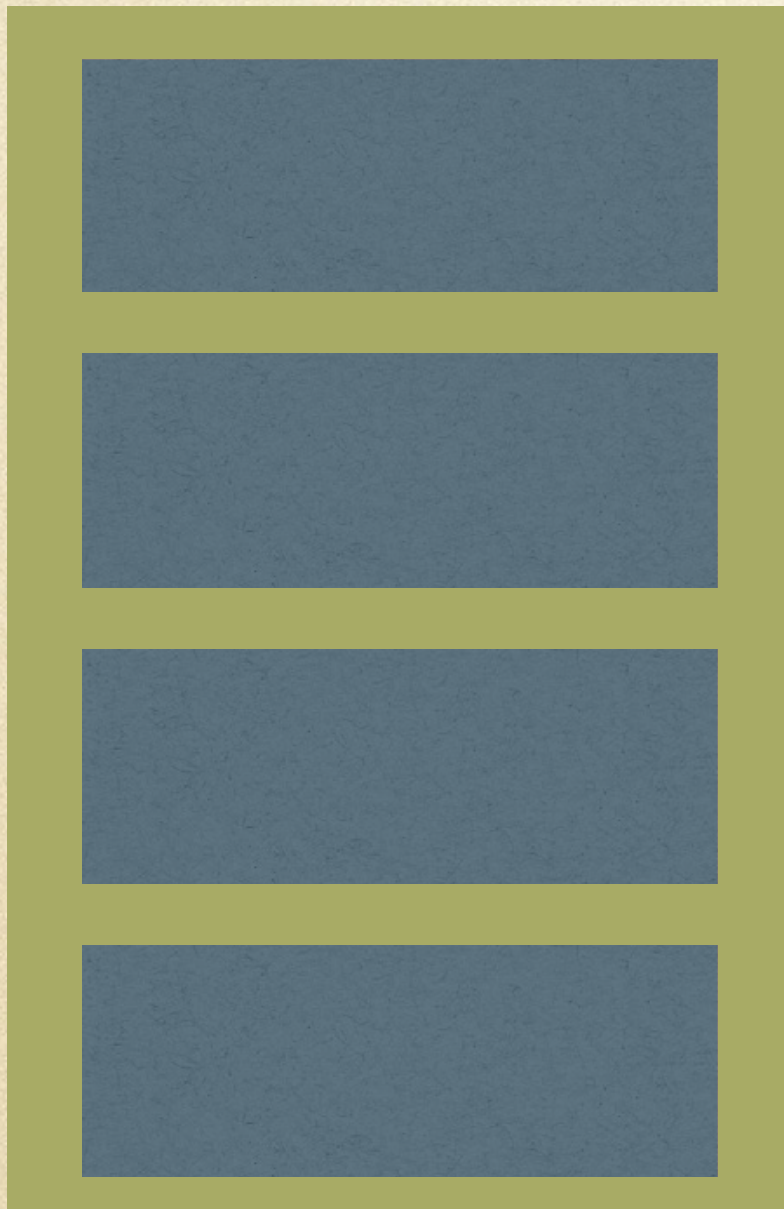
Containers

- BorderPane
- VBox
- HBox
- FlowPane
- TilePane
- AnchorPane
- StackPne
- GridPane

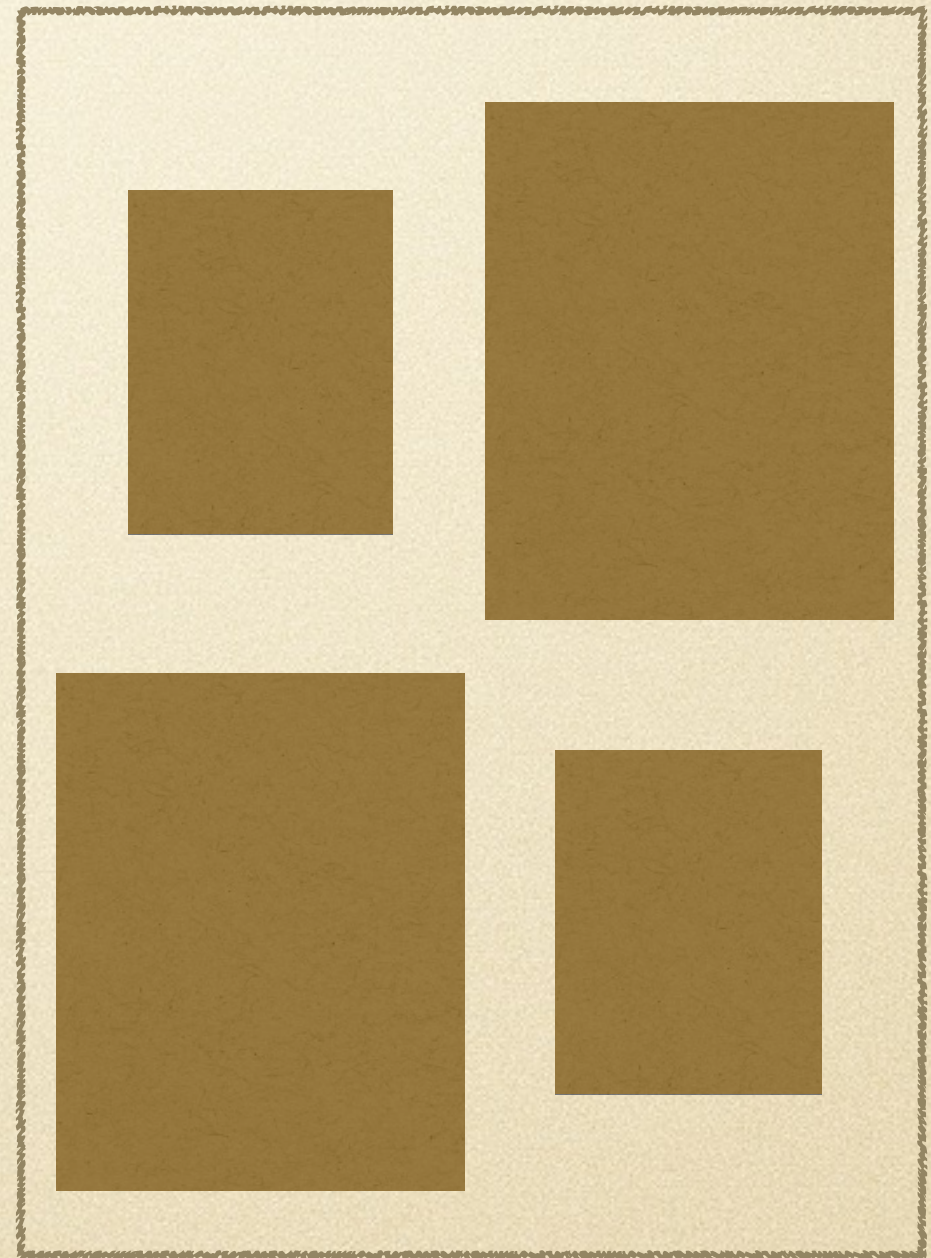
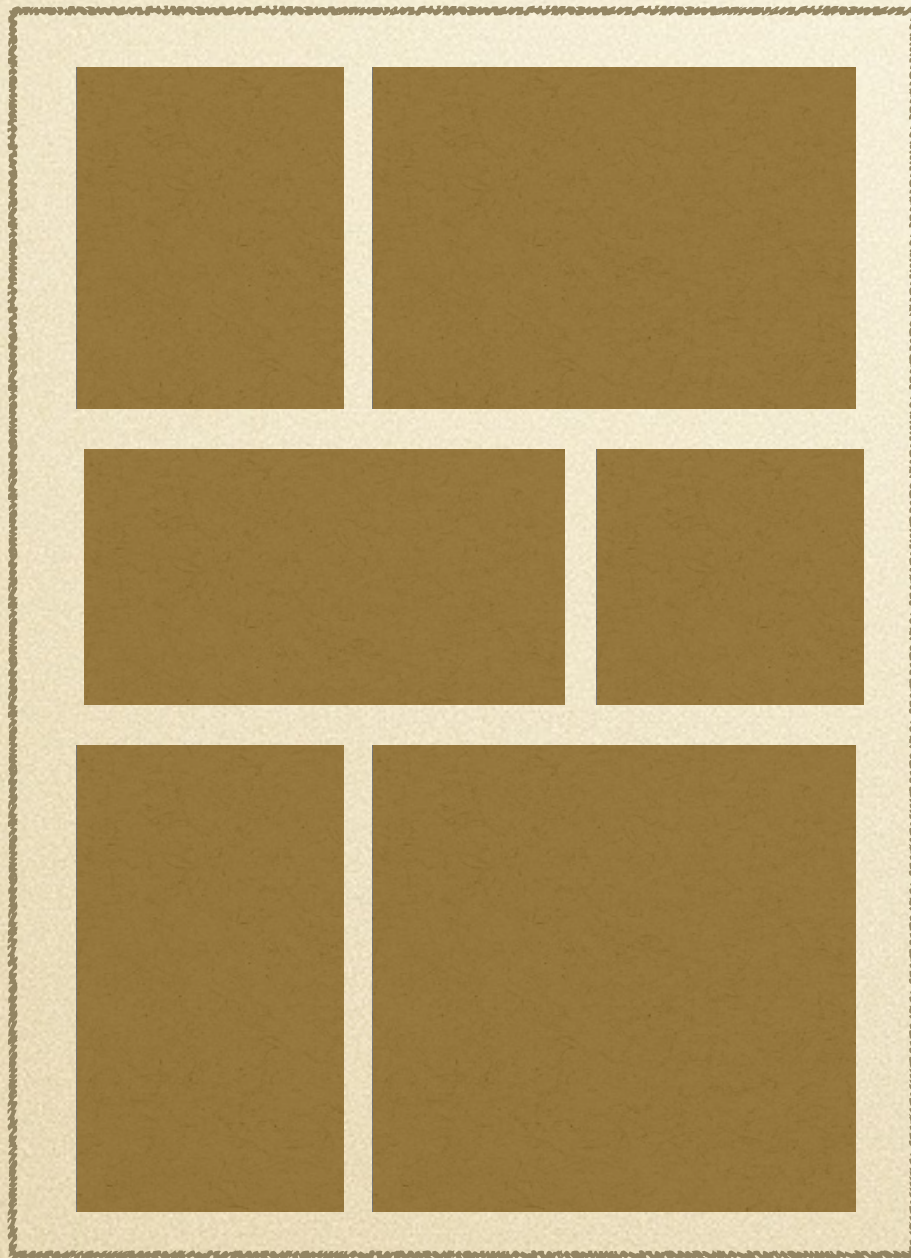
Border Pane



VBox & HBox



FlowPane & TilePane



Others

Container	Description
AnchorPane	Child Nodes can be placed anywhere within AnchorPane
StackPane	Child Nodes can be placed over each as layer in a StackPane
GridPane	Child Nodes can be placed as a grid in a GridPane

Questions

- If you want to write user input form, which type of layout do you use?
- If you want to write a gui application like Eclipse, which type of layout do you use?

Thank You!

Please write a calculator
like this.

