Sources:

CISC190 Java Programming

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer program

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A computer screen with a message

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Ex:

**package** application;

**import** java.util.ArrayList;

**import** javafx.application.Application;

**import** javafx.stage.Stage;

**import** javafx.scene.Scene;

**import** javafx.scene.control.Label;

**import** javafx.scene.control.Button;

**import** javafx.scene.control.TextField;

**import** javafx.scene.image.Image;

**import** javafx.scene.image.ImageView;

**import** javafx.scene.control.ListView;

**import** javafx.scene.control.SelectionMode;

**import** javafx.collections.ObservableList;

**import** javafx.scene.layout.HBox;

**import** javafx.scene.layout.VBox;

**import** javafx.scene.layout.GridPane;

**import** javafx.scene.layout.BorderPane;

**import** javafx.scene.layout.StackPane;

**import** javafx.scene.layout.AnchorPane;

**import** javafx.geometry.Insets;

**import** javafx.geometry.Pos;

**import** javafx.event.ActionEvent;

**import** javafx.event.EventHandler;

**import** javafx.geometry.Orientation;

**public** **class** **Main** **extends** Application {

**public** **Label** label1;

**public** **Button** button1;

**public** **ListView**<String> listView1;

**public** **HBox** hbox1;

**public** **VBox** vbox1;

**public** **BorderPane** borderPane1;

**public** **Scene** scene;

**public** **static** **void** **main**(**String**[] args) {

***launch***(args);

}

**@Override**

**public** **void** **start**(**Stage** primaryStage) {

primaryStage.**setTitle**(**"GUI Applicaiton"**);

listView1 = **new** **ListView**<String>();

listView1.**getItems**().**addAll**(

**"1. Getting Started."**,

**"2. Issues with this app."**,

**"3. Contact."**,

**"4. Other issues."**);

listView1.**setPrefSize**(**150**,**150**);

listView1.**setOrientation**(Orientation.**HORIZONTAL**);

listView1.**setId**(**"listView1"**);

listView1.**getSelectionModel**().**setSelectionMode**(SelectionMode.**MULTIPLE**);

button1 = **new** **Button**(**"👉 Click Me!!!"**);

label1 = **new** **Label**(**"Result: "**);

button1.**setOnAction**(**event**->{

ObservableList<String> **selections** =

listView1.**getSelectionModel**().**getSelectedItems**();

**String** **selectionString** = **""**;

**for**(**int** **i**=**0**; i<selections.**size**(); i++) {

selectionString+=selections.**get**(i)+**", "**;

}

label1.**setText**(**"Result: "**+selectionString);

});

vbox1 = **new** **VBox**(**10**, listView1,button1, label1);

vbox1.**getStyleClass**().**add**(**"main\_content1"**);

vbox1.**setPadding**(**new** **Insets**(**10**));

vbox1.**setAlignment**(Pos.**CENTER**);

borderPane1 = **new** **BorderPane**();

borderPane1.**setCenter**(vbox1);

scene = **new** **Scene**(borderPane1);

scene.**getStylesheets**().**add**(**"file:style1.css"**);

primaryStage.**setScene**(scene);

primaryStage.**show**();

}

}

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