Sources:

CISC190 Java Programming

A close up of a document

AI-generated content may be incorrect.

A screenshot of a computer

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A close up of a text

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A screenshot of a computer

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A white text on a white background

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A black text on a white background

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A close-up of a computer screen

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A screenshot of a computer program

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Ex:

**package** application;

**import** java.util.ArrayList;

**import** javafx.application.Application;

**import** javafx.stage.FileChooser;

**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.control.ComboBox;

**import** javafx.scene.control.MenuBar;

**import** javafx.scene.control.Menu;

**import** javafx.scene.control.MenuItem;

**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.stage.FileChooser;

**import** java.io.File;

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

**private** **Label** label1;

**private** **Button** button1;

**private** **HBox** hbox1;

**private** **VBox** vbox1;

**private** **BorderPane** borderPane1;

**private** **Scene** scene;

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

***launch***(args);

}

**@Override**

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

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

button1 = **new** **Button**(**"📁 Choose a file"**);

label1 = **new** **Label**(**"Your file name: "**);

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

**FileChooser** **fileChooser** = **new** **FileChooser**();

**File** **selectedFile** = fileChooser.**showOpenDialog**(primaryStage);

**if**(selectedFile!=**null**) {

**String** **fileName** = selectedFile.**getPath**();

label1.**setText**(**"Your file name: "**+fileName);

}**else** {

label1.**setText**(**"Your file name: You haven't selected any file!"**);

}

});

vbox1 = **new** **VBox**(**10**, 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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A screenshot of a computer program

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A screenshot of a computer error message

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