Ernesto rojas

```java
package application;



//Importaciones

import javafx.application.Application;

import javafx.application.Platform;

import javafx.event.ActionEvent;

import javafx.event.EventHandler;

import javafx.geometry.Insets;

import javafx.geometry.Pos;

import javafx.stage.Stage;

import javafx.scene.Scene;

import javafx.scene.control.Button;

import javafx.scene.control.CheckBox;

import javafx.scene.control.Label;

import javafx.scene.control.PasswordField;

import javafx.scene.control.ProgressBar;

import javafx.scene.control.ProgressIndicator;

import javafx.scene.control.RadioButton;

import javafx.scene.control.Slider;

import javafx.scene.control.TextArea;

import javafx.scene.control.TextField;

import javafx.scene.layout.BorderPane;

import javafx.scene.layout.HBox;

import javafx.scene.layout.StackPane;

import javafx.scene.layout.VBox;

import javafx.beans.binding.NumberBinding;

import javafx.scene.control.Hyperlink;

import javafx.scene.control.ToggleButton;

import javafx.scene.control.TextField;
```

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```java
import java.io.*;


public class Main extends Application {


        @Override
        public void init() {

                System.out.println("metodo init()");

        }


        @Override
         public void start(Stage primaryStage) {



                // Crea el button


        Label label = new Label("BOTON: ");
        Button btn = new Button("Clickea");



        // Crea el checkbox
        Label label1 = new Label("CHECKBOX: ");
        CheckBox checkbx = new CheckBox ("CHEXBOX");


        // Crea el Hiperlink
        Label label2 = new Label("HYPERLINK: ");
        Hyperlink link = new Hyperlink ("HYPERLINK:");


        // Crea el ToggleButton
        Label label3 = new Label("TOGGLEBUTTON: :");
        ToggleButton toggbutton = new ToggleButton ("ToggleButton: ");
```

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```java
// Crea el RadioButton

Label label4 = new Label("RADIOBUTTON: :");

RadioButton rdbutton = new RadioButton ("RADIOBUTTON");


// Crea el Label

Label label5 = new Label("LABEL: :");


Label Lb = new Label ("LABEL");

// Crea el TextField

Label label6 = new Label ("TEXTFIELD: ");

TextField textf = new TextField ("some text");


// Crea el Passwordfield

Label label7 = new Label ("PASSWORDFIELD: ");

PasswordField contra  = new PasswordField ();



// Crea el TextArea

Label lbl = new Label ("TEXTarea: ");

TextArea areaTexto  = new TextArea ();


// Crea el ProgressIndicator

Label label8 = new Label ("PROGRESSindicator: ");

double i = 0.27;

            ProgressIndicator prossindicador  = new ProgressIndicator ( i);



            // Crea el ProgressBar
```

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```java
        Label label9 = new Label ("PROGRESSBAR: ");


                ProgressBar prossbar  = new ProgressBar (i);



                // Crea el ProgressBar
        Label lbl1 = new Label ("SLIDER: ");


                Slider slider  = new Slider();



        // Crea los HBox
        HBox botonBox = new HBox(100);
        botonBox.setAlignment(Pos.CENTER_LEFT);
        botonBox.getChildren().addAll(label, btn);




        HBox checkBox = new HBox(80);
        checkBox.setAlignment(Pos.CENTER_LEFT);
        checkBox.getChildren().addAll(label1, checkbx);




        HBox hyperlink = new HBox(80);
        hyperlink.setAlignment(Pos.CENTER_LEFT);
        hyperlink.getChildren().addAll(label2, link);




        HBox togglebtn = new HBox(50);
```

```java
togglebtn.setAlignment(Pos.CENTER_LEFT);

togglebtn.getChildren().addAll(label3, toggbutton);




HBox radioButton = new HBox(60);

radioButton.setAlignment(Pos.CENTER_LEFT);

radioButton.getChildren().addAll(label4, rdbutton);



HBox lab = new HBox(110);

lab.setAlignment(Pos.CENTER_LEFT);

lab.getChildren().addAll(label5, Lb);



HBox textfield = new HBox(85);

textfield.setAlignment(Pos.CENTER_LEFT);

textfield.getChildren().addAll(label6, textf);


HBox passwordfield = new HBox(50);

passwordfield.setAlignment(Pos.CENTER_LEFT);

passwordfield.getChildren().addAll(label7, contra);



HBox textArea = new HBox(95);

textArea.setAlignment(Pos.CENTER_LEFT);

textArea.getChildren().addAll(lbl, areaTexto);
```

```java
HBox ProgressIndicator = new HBox(120);

ProgressIndicator.setAlignment(Pos.CENTER_LEFT);

ProgressIndicator.getChildren().addAll(label8, prossindicador);



HBox ProgressBar = new HBox(60);

ProgressBar.setAlignment(Pos.CENTER_LEFT);

ProgressBar.getChildren().addAll(label9, prossbar);



HBox Slider = new HBox(100);

Slider.setAlignment(Pos.CENTER_LEFT);

Slider.getChildren().addAll(lbl1, slider);


// Crea un Vbox


VBox vbox = new VBox(10);



vbox.setAlignment(Pos.TOP_LEFT);


vbox.setPadding(new Insets(20));
// Establece varios estilos para el Vbox
vbox.setStyle("-fx-border-style: solid inside;"

    + "-fx-border-width: 2;"

    + "-fx-border-insets: 5;"

    + "-fx-border-radius: 5;"

    + "-fx-border-color: red;");
```

```java
    vbox.setPrefSize(700, 200);


    vbox.getChildren().addAll(botonBox, checkBox, hyperlink, togglebtn, radioButton,
lab,textfield, passwordfield, textArea, ProgressIndicator,ProgressBar, Slider);


    // Crea  Scene

    Scene scene = new Scene(vbox, 700, 700);

    // Agrega  scene en Stage

    primaryStage.setScene(scene);


    // Titulo del Stage

    primaryStage.setTitle("FORMULARIO");


    //  Muestra Stage

    primaryStage.show();
  }




    @Override
    public void stop() {

            System.out.println("metodo stop()");


    }


    public static void main (String[] args){

            launch(args);
```

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```
    }


}
```