UNIVERSIDAD DE GUAYAQUIL

Estudiante:

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Materia:

Programación En Ambientes Gráficos Con Acceso A Datos

Tarea:

Interfaz utilizando Layouts

6 DE MAYO DE 2024

```java
package tareaapp;

import javafx.application.Application;
import javafx.fxml.FXMLLoader;
import javafx.scene.Parent;
import javafx.scene.Scene;
import javafx.stage.Stage;

public class TareaApp extends Application {

    public static void main(String[] args) {
        launch(args);
    }

    @Override
    public void start(Stage stage) throws Exception {
        Parent root = FXMLLoader.load(getClass().getResource("main.fxml"));
        Scene scene = new Scene(root);
        stage.setTitle("Mi Aplicación JavaFX");
        stage.setScene(scene);
        stage.show();
    }
}
```

```java
package tareaapp;

import java.net.URL;
import java.util.ResourceBundle;
import javafx.fxml.FXML;
import javafx.fxml.Initializable;
import javafx.scene.control.Label;
import javafx.scene.control.TextField;

public class MainController implements Initializable {

    @FXML
    private Label titleLabel;
    @FXML
    private Label messageLabel;
    @FXML
    private TextField inputField;

    @Override
    public void initialize(URL url, ResourceBundle rb) {
        titleLabel.setText("¡Hola Mundo!");
    }
}
```

```xml
<?xml version="1.0" encoding="UTF-8"?>
<?import javafx.scene.control.Label?>
<?import javafx.scene.control.TextField?>
<?import javafx.scene.layout.AnchorPane?>

<AnchorPane maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity"
        minWidth="-Infinity" prefHeight="300.0" prefWidth="400.0"
```

```xml
        xmlns="http://javafx.com/javafx/17"
xmlns:fx="http://javafx.com/fxml/1"
        fx:controller="tareaapp.MainController">
    <children>
        <Label fx:id="titleLabel" layoutX="150.0" layoutY="126.0"
text="Título" />
        <Label layoutX="45.0" layoutY="204.0" text="Mensaje:" />
        <TextField fx:id="inputField" layoutX="120.0" layoutY="200.0"
prefWidth="200.0" />
        <Label fx:id="messageLabel" layoutX="120.0" layoutY="230.0"
text="Aquí va el mensaje" />
    </children>
</AnchorPane>
```


Console

`<terminated> TAREA [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (7 may 2024 22:25:58 – 22:26:00) [pid: 9212]`
`Error: Could not find or load main class tarea.TAREA in module TareaJavaFX`