





# UNIVERSIDAD DE GUAYAQUIL

## **Estudiante:**

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### Materia:

Programación En Ambientes Gráficos Con Acceso A Datos

Tarea:

Interfaz utilizando Layouts



#### CODIGO

```
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();
   } }
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 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"</pre>
minWidth="-Infinity" prefHeight="300.0" prefWidth="400.0"
xmlns="http://javafx.com/javafx/17" xmlns:fx="http://javafx.com/fxml/1"
```

```
\frac{fx}{\text{children}} \\ <\text{children} \\ <\text{Label } \underline{fx}:\text{id="titleLabel" layoutX="150.0" layoutY="126.0"} \\ \\ \text{text="}\underline{\text{Título}"} \ / \\ <\text{Label layoutX="45.0" layoutY="204.0" text="$\underline{\text{Mensaje}}$:" / > \\ <\text{TextField } \underline{fx}:\text{id="inputField" layoutX="120.0" layoutY="200.0"} \\ \\ \text{prefWidth="200.0" / >} \\ <\text{Label } \underline{fx}:\text{id="messageLabel" layoutX="120.0" layoutY="230.0"} \\ \\ \text{text="$\underline{\text{Aqui}}$ $\underline{\text{va}}$ el $\underline{\text{mensaje}}$" / > \\ </\text{children} > </\text{AnchorPane} > } \\ \end{aligned}
```

#### Pantalla de ejecución

