



Unidad Profesional Interdisciplinaria en Ingeniería y
Tecnologías Avanzadas

DISPOSITIVOS MÓVILES

Práctica 6

Grupo: 2TM19

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1 XML

```
1 <?xml version="1.0" encoding="utf-8"?>
2
3 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
4 xmlns:app="http://schemas.android.com/apk/res-auto"
5 xmlns:tools="http://schemas.android.com/tools"
6 android:layout_width="match_parent"
7 android:layout_height="match_parent"
8 android:orientation="vertical"
9 tools:context=".MainActivity"
10 android:background="#2E2A2A"
11 android:padding="40dp">
12
13 <TextView
14 android:id="@+id/txt1"
15 android:layout_width="wrap_content"
16 android:layout_height="wrap_content"
17 android:fontFamily="@font/pmedium"
18 android:text="Ingresa tu nombre"
19 android:textColor="@color/white"
20 android:textSize="14sp" />
21
22 <EditText
23 android:id="@+id/edt1"
24 android:layout_width="match_parent"
25 android:layout_height="wrap_content"
26 android:textSize="14sp"
27 android:hint="Nombre propio"
28 android:textColor="@color/white"
29 android:fontFamily="@font/pmedium"
30 android:textColorHint="#8DFFFFFF"
31 android:layout_marginVertical="8dp"
32 />
33 <TextView
34 android:id="@+id/txt2"
35 android:layout_width="wrap_content"
36 android:layout_height="wrap_content"
37 android:text="Ingresa tu apellido"
38 android:textSize="14sp"
39 android:layout_marginVertical="8dp"
40 android:fontFamily="@font/pmedium"
41 android:textColor="@color/white"
42 />
43
44 <EditText
45 android:id="@+id/edt2"
46 android:layout_width="match_parent"
47 android:layout_height="wrap_content"
48 android:textSize="14sp"
```

```
49     android:hint="Apellido materno y paterno"
50     android:fontFamily="@font/pmedium"
51     android:textColorHint="#8DFFFFFF"
52     android:textColor="@color/white"
53     android:layout_marginVertical="8dp"
54     />
55
56
57     <TextView
58     android:id="@+id/txt3"
59     android:layout_width="wrap_content"
60     android:layout_height="wrap_content"
61     android:text="Ingresa tu edad"
62     android:textSize="14sp"
63     android:textColor="@color/white"
64     android:fontFamily="@font/pmedium"
65     android:layout_marginVertical="8dp"
66     />
67
68
69     <EditText
70     android:id="@+id/edt3"
71     android:layout_width="match_parent"
72     android:layout_height="wrap_content"
73     android:fontFamily="@font/pmedium"
74     android:minHeight="48dp"
75     android:textColorHint="#8DFFFFFF"
76     android:textSize="14sp"
77     android:textColor="@color/white"
78     android:layout_marginVertical="8dp"
79     />
80
81     <TextView
82     android:id="@+id/txt4"
83     android:layout_width="wrap_content"
84     android:layout_height="wrap_content"
85     android:text="Fecha de registro"
86     android:textSize="14sp"
87     android:layout_marginVertical="8dp"
88     android:fontFamily="@font/pmedium"
89     android:textColor="@color/white"
90     />
91
92     <EditText
93     android:id="@+id/edt4"
94     android:layout_width="match_parent"
95     android:layout_height="wrap_content"
96     android:textSize="14sp"
97     android:fontFamily="@font/pmedium"
98     android:textColorHint="#8DFFFFFF"
99     android:textColor="@color/white"
```

```
100     android:layout_marginVertical="8dp"/>
101
102
103     <TextView
104         android:id="@+id/txt5"
105         android:layout_width="wrap_content"
106         android:layout_height="wrap_content"
107         android:text="Contrase a"
108         android:textSize="14sp"
109         android:layout_marginVertical="8dp"
110         android:textColor="@color/white"
111         android:fontFamily="@font/lol"
112
113     />
114
115     <EditText
116         android:id="@+id/edt5"
117         android:layout_width="match_parent"
118         android:layout_height="wrap_content"
119         android:hint="Contrase a"
120         android:minHeight="48dp"
121         android:textColorHint="#8DFFFFFF"
122         android:textSize="14sp"
123         android:textColor="@color/white"
124         android:layout_marginVertical="8dp"
125         android:layout_marginBottom="10dp"
126         android:layout_marginTop="5dp"/>
127
128     <Button
129         android:id="@+id/btn1"
130         android:layout_width="match_parent"
131         android:layout_height="wrap_content"
132         android:layout_="10dp"
133         android:fontFamily="@font/lol"
134         android:shadowColor="#000000"
135         android:text="Ingresar"
136         android:textSize="20sp"
137         app:backgroundTint="#535C8C"
138         android:layout_marginVertical="8dp"/>
139
140     <TextView
141         android:id="@+id/txt6"
142         android:layout_width="match_parent"
143         android:layout_height="wrap_content"
144         android:text=""
145         android:textSize="14sp"
146         android:layout_marginVertical="8dp"
147         android:fontFamily="@font/pmedium"
148         android:textColor="@color/black"
149     />
150
```

```
151
152 </LinearLayout>
```

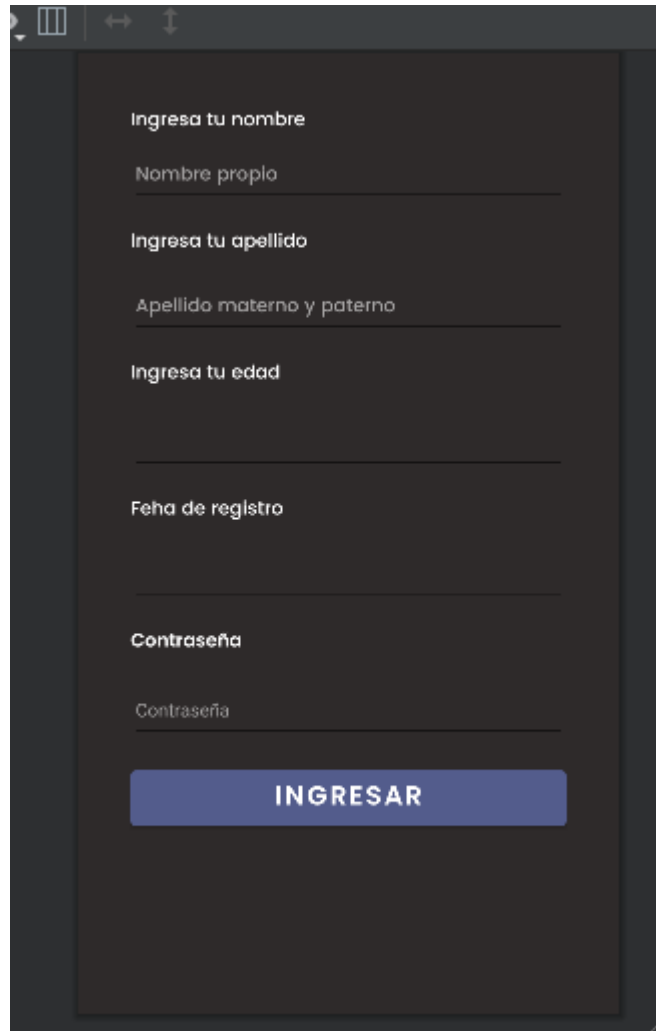
2 JAVA

```
1 package com.example.listener;
2 import androidx.appcompat.app.AppCompatActivity;
3
4 import android.content.SharedPreferences;
5 import android.os.Bundle;
6 import android.text.InputType;
7 import android.view.KeyEvent;
8 import android.view.View;
9 import android.widget.Button;
10 import android.widget.CheckBox;
11 import android.widget.EditText;
12 import android.widget.TextView;
13 import android.widget.Toast;
14
15
16 public class MainActivity extends AppCompatActivity {
17
18     int textViewCount = 6;
19     int editViewCount = 6;
20     TextView txt[] = new TextView[textViewCount];
21     EditText edt[] = new EditText[editViewCount];
22
23     @Override
24     protected void onCreate(Bundle savedInstanceState) {
25         super.onCreate(savedInstanceState);
26         Toast.makeText(getApplicationContext(), "onCreate", Toast.
LENGTH_LONG).show();
27         setContentView(R.layout.activity_main);
28
29
30
31         for(int i = 0; i < textViewCount; i++) {
32             txt[i] = new TextView(this);
33         }
34
35         for(int i = 0; i < editViewCount; i++) {
36             edt[i] = new EditText(this);
37         }
38
39         txt[0] = (TextView) findViewById(R.id.txt1);
40         txt[1] = (TextView) findViewById(R.id.txt2);
41         txt[2] = (TextView) findViewById(R.id.txt3);
42         txt[3] = (TextView) findViewById(R.id.txt4);
43         txt[4] = (TextView) findViewById(R.id.txt5);
```

```
44     txt[5] = (TextView) findViewById(R.id.txt6);
45
46     edt[0] = (EditText) findViewById(R.id.edt1);
47     edt[1] = (EditText) findViewById(R.id.edt2);
48     edt[2] = (EditText) findViewById(R.id.edt3);
49     edt[3] = (EditText) findViewById(R.id.edt4);
50     edt[4] = (EditText) findViewById(R.id.edt5);
51
52     edt[2].setInputType(InputType.TYPE_CLASS_NUMBER);
53     edt[3].setInputType(InputType.TYPE_CLASS_DATETIME);
54     edt[4].setInputType(InputType.TYPE_NUMBER_VARIATION_PASSWORD);
55
56     Button btnn1 = (Button) findViewById(R.id.btn1);
57     btnn1.setOnClickListener(this);
58
59
60     edt[5].setOnKeyListener(new View.OnKeyListener() {
61         @Override
62         public boolean onKey(View view, int i, KeyEvent keyEvent) {
63             if (keyEvent.getAction() == KeyEvent.ACTION_DOWN && i ==
64             KeyEvent.KEYCODE_ENTER) {
65                 txt[6].setText("Bienvenido " + edt[0].getText().toString() + "
66                 " + edt[1].getText().toString() + " on Key ");
67                 Toast.makeText(getApplicationContext(), "Desde el on Key",
68                 Toast.LENGTH_LONG).show();
69                 return true;
70             }
71             return false;
72         }
73     });
74
75     @Override
76     protected void onStart() {
77         super.onStart();
78         Toast.makeText(getApplicationContext(), "onStart", Toast.LENGTH_LONG
79         ).show();
80     }
81
82     @Override
83     protected void onResume() {
84         super.onResume();
85         Toast.makeText(getApplicationContext(), "onResume", Toast.
86         LENGTH_LONG).show();
87     }
88
89     @Override
90     protected void onPause() {
91         super.onPause();
92     }
93 }
```

```
90
91     @Override
92     protected void onStop() {
93         super.onStop();
94         Toast.makeText(getApplicationContext(), "onSSStop", Toast.LENGTH_LONG
95     ).show();
96     }
97
98     @Override
99     protected void onDestroy() {
100         Toast.makeText(getApplicationContext(), "onDestroy", Toast.
101     LENGTH_LONG).show();
102
103         super.onDestroy();
104     }
105
106     @Override
107     protected void onRestart() {
108         super.onRestart();
109         Toast.makeText(getApplicationContext(), "onRestart", Toast.
110     LENGTH_LONG).show();
111     }
112 }
113
114
115
116 /* @Override
117 public void onClick(View view) {
118     txt3.setText("Bienvenido " + edt1.getText().toString() + " " +edt2.
119     getText().toString() );
120     Toast.makeText(getApplicationContext(),"Desde el bot n",Toast.
121     LENGTH_LONG).show();
122 }
123 }*/
```

3 Captura de pantalla



A screenshot of a login form with a dark background. The form contains the following elements:

- A header bar with three icons: a magnifying glass, a double-headed arrow, and a vertical double-headed arrow.
- A label "Ingresa tu nombre" followed by a text input field containing the placeholder "Nombre propio".
- A label "Ingresa tu apellido" followed by a text input field containing the placeholder "Apellido materno y paterno".
- A label "Ingresa tu edad" followed by a text input field.
- A label "Fecha de registro" followed by a text input field.
- A label "Contraseña" followed by a text input field containing the placeholder "Contraseña".
- A blue button with the text "INGRESAR" in white capital letters.