* Toggle Button

**ToggleButton** je u osnovi tipka za uključivanje/isključivanje sa svjetlosnim indikatorom koji pokazuje trenutno stanje prekidača. Najjednostavniji primjer ToggleButtona je uključivanje/isključivanje zvuka, Bluetootha, wifi-a, hotspota itd. To je podklasa compositeButtona.

Strings file

*<?***xml version="1.0" encoding="utf-8"***?>*<**resources**>  
 <**string name="app\_name"**>MyAndroidApp</**string**>  
 <**string name="toggle\_turn\_on"**>Turn On</**string**>  
 <**string name="toggle\_turn\_off"**>Turn Off</**string**>  
 <**string name="submit"**>Submit</**string**>  
</**resources**>

XML file

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="fill\_parent"  
 android:orientation="vertical"** >  
  
 <**ToggleButton  
 android:id="@+id/toggleButton1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="ToggleButton"** />  
  
 <**ToggleButton  
 android:id="@+id/toggleButton2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textOn="@string/toggle\_turn\_on"  
 android:textOff="@string/toggle\_turn\_off"  
 android:checked="true"** />  
  
 <**Button  
 android:id="@+id/btnSubmit"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/submit"** />  
  
</**LinearLayout**>

Java file

**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.view.View.OnClickListener;  
**import** android.widget.Button;  
**import** android.widget.ToggleButton;  
**import** android.widget.Toast;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
  
  
**public class** MainActivity **extends** AppCompatActivity {  
 **private** ToggleButton **toggleButton1**, **toggleButton2**;  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 addListenerOnButton();  
 }  
  
  
 **public void** addListenerOnButton() {  
  
 **toggleButton1** = (ToggleButton) findViewById(R.id.***toggleButton1***);  
 **toggleButton2** = (ToggleButton) findViewById(R.id.***toggleButton2***);  
  
 Button Submit = (Button) findViewById(R.id.***btnSubmit***);  
 Submit.setOnClickListener(**new** OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
  
  
 StringBuffer result = **new** StringBuffer();  
 result.append(**"toggleButton1 : "**).append(**toggleButton1**.getText());  
 result.append(**"\ntoggleButton2 : "**).append(**toggleButton2**.getText());  
  
 Toast.*makeText*(MainActivity.**this**, result.toString(),  
 Toast.***LENGTH\_SHORT***).show();  
  
 }  
  
 });  
  
 };  
}

Atributi **ToggleButton**a:

1. **id**: atribut koji se koristi za jedinstvenu identifikaciju prekidača.
2. **checked**: oatribut preklopnog gumba koji se koristi za postavljanje trenutnog stanja prekidača. Vrijednost bi trebala biti istinita ili lažna gdje true pokazuje provjereno stanje, a false nepotvrđeno stanje prekidača. Zadana vrijednost provjerenog atributa je lažna. Trenutačno stanje također možemo postaviti programski.
3. **gravity**: Atribut gravitacije je neobavezni atribut koji se koristi za kontrolu poravnanja teksta u ToogleButtonu kao što je lijevo, desno, središte, vrh, dno, center\_vertical, center\_horizontal.
4. **textOn** i **textOff**: atribut textOn se koristi za postavljanje teksta kada je gumb za prebacivanje u provjerenom/uključenom stanju. Možemo postaviti textOn u XML-u kao i u java klasi.
5. **textColor**: atribut textColor se koristi za postavljanje boje teksta prekidača. Vrijednost boje je u obliku “#argb”, “#rgb”, “#rrggbb” ili “#aarrggbb”.
6. **textSize**: atribut textSize postavlja veličinu teksta prekidača. Veličinu teksta možemo postaviti u sp (piksel neovisni o mjerilu) ili dp (piksel gustoće).
7. **textStyle**: atribut textStyle se koristi za postavljanje stila teksta teksta gumba za uključivanje/isključivanje. Možete postaviti podebljano, kurziv i normalno. Ako trebate koristiti dva ili više stilova za prikaz teksta onda se koristi operator “|” .
8. **background**: pozadinski atribut se koristi za postavljanje pozadine prekidača. Možemo postaviti boju ili crtanje u pozadini prekidača.
9. **padding**: atribut padding se koristi za postavljanje dopuna s lijeve, desne, gornje ili donje strane. Padding: postavite dopunu sa svih strana prekidača a ostali atributi su paddingRight, paddingLeft, paddingTop, paddingBottom.
10. drawableBottom, drawableTop, drawableRight i drawableLeft: Ovi atributi koriste crtanje ispod, gore, desno i lijevo od teksta ToggleButtona.

Primjer:

<ToggleButton

android:id="@+id/simpleToggleButton1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_gravity="center\_horizontal"

android:checked="false"

android:drawablePadding="20dp"

android:drawableRight="@drawable/ic\_launcher"

android:textColor="#000" />

* Switch button

**Switch** je prekidač s dva stanja koji se može koristiti za odabir između dvije opcije. Uglavnom se koristi za prikaz uključenog i isključenog stanja opcije, što korisniku izgleda kao jednostavna kontrola klizača. Korisnik može povlačiti "palac" naprijed-natrag kako bi odabrao odabranu opciju, ili možemo jednostavno dodirnuti za promjenu stanja prekidača. Obično se koristi za odabir uključivanja/isključivanja Hotspota, svjetiljke ili WiFi-a.

Ima sve atribute kao i ToggleButton i ima još atribut Text: atribut teksta se koristi za postavljanje teksta u Switch. Tekst možemo postaviti u xml kao i u java klasi.

<**Switch  
 android:id="@+id/switchButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_centerInParent="true"  
 android:checked="false"  
 android:layout\_height="wrap\_content"  
 android:text="Switch example"** />

**SnackBar** - widget koji izgleda kao mali banner koji se pojavljuje pri dnu zaslona telefona korisnika. Omogućuje prikazivanje poruke korisniku na bilo koju vrstu pogrešaka, potvrđivanje da je poduzeta radnja ili upozorenje da se poduzme neka druga radnja. Osim toga, Snackbar također može ponuditi gumb za prilagođenu radnju kao što je "odbaci", "ponovo pokušaj", "poništi" ili "nadglasi".

**import** com.google.android.material.snackbar.Snackbar;

**public void** onClick(View view) {  
   
  
 Snackbar.*make*(view, **"Successful"**, Snackbar.***LENGTH\_LONG***).show();  
  
}

* ImageView

Koristite "ImageView" za prikaz slikovne datoteke.U Androidu možete koristiti klasu "android.widget.ImageView" za prikaz slikovne datoteke. Datoteka slike jednostavna je za korištenje, ali je teško svladati, zbog različitih zaslona i dpi na Android uređajima.

Stavite svoje slike u mapu "res/drawable-ldpi", "res/drawable-mdpi" ili "res/drawable-hdpi".

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
android:layout\_width="fill\_parent"  
android:layout\_height="fill\_parent"  
android:orientation="vertical"** >  
  
<**ImageView  
 android:id="@+id/imageView1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/jesen"**/>  
  
<**Button  
 android:id="@+id/btnChangeImage"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Change Image"** />  
  
</**LinearLayout**>

**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.os.Bundle;  
**import** android.os.Bundle;  
**import** android.widget.Button;  
**import** android.widget.ImageView;  
**import** android.view.View;  
**import** android.view.View.OnClickListener;  
**public class** MainActivity **extends** AppCompatActivity {  
  
 Button **button**;  
 ImageView **image**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 addListenerOnButton();  
  
 }  
 **public void** addListenerOnButton() {  
  
 **image** = (ImageView) findViewById(R.id.***imageView1***);  
  
 **button** = (Button) findViewById(R.id.***btnChangeImage***);  
 **button**.setOnClickListener(**new** OnClickListener() {  
  
 @Override  
 **public void** onClick(View arg0) {  
 **image**.setImageResource(R.drawable.***ljeto***);  
 }  
  
 });  
  
 }  
  
}

IZMJENA SLIKA

Java

**package** com.example.myapplication5;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.ImageView;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 Button **b1**;  
 ImageView **iv**;  
 **boolean flag**;  
 **int images**[]={R.drawable.***zima***,R.drawable.***proljece***, R.drawable.***ljeto***,R.drawable.***jesen*** };  
 **int i**=0;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 **iv**=(ImageView) findViewById(R.id.***imageView1***);  
 **b1**=(Button) findViewById(R.id.***btnChangeImage***);  
  
 **flag**=**true**;  
  
 **b1**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **iv**.setImageResource(**images**[**i**]);  
 **i**++;  
 **if**(**i**==4)  
 **i**=0;  
 }  
 });  
 }  
}

* Imagebutton

U Androidu možete koristiti "android.widget.ImageButton" za prikaz normalnog "Button"-a s prilagođenom pozadinskom slikom.

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="fill\_parent"  
 android:orientation="vertical"** >  
  
 <**ImageButton  
 android:id="@+id/imageButton1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:contentDescription="@string/app\_name"  
 android:src="@drawable/android"** />  
  
</**LinearLayout**>

**import** androidx.appcompat.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.view.View.OnClickListener;  
**import** android.widget.ImageButton;  
**import** android.widget.Toast;  
  
**public class** MainActivity **extends** AppCompatActivity {  
   
 ImageButton **imageButton**;  
  
 @Override  
 **public void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 addListenerOnButton();  
  
 }  
  
 **public void** addListenerOnButton() {  
  
 **imageButton** = (ImageButton) findViewById(R.id.***imageButton1***);  
  
 **imageButton**.setOnClickListener(**new** OnClickListener() {  
  
 @Override  
 **public void** onClick(View arg0) {  
  
 Toast.*makeText*(MainActivity.**this**,  
 **"ImageButton is clicked!"**, Toast.***LENGTH\_SHORT***).show();  
  
 }  
  
 });  
  
 }  
  
}

Primjer

ZBRAJANJE 2 BROJA

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:padding="16dp"  
 tools:context=".MainActivity"**>  
  
 <**EditText  
 android:id="@+id/edittext\_number\_1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:inputType="number"** />  
  
 <**EditText  
 android:id="@+id/edittext\_number\_2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentStart="true"  
 android:layout\_below="@+id/edittext\_number\_1"  
 android:inputType="number"** />  
  
 <**TextView  
 android:id="@+id/textview\_result"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/edittext\_number\_2"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="16dp"  
 android:text="0"  
 android:textColor="@android:color/black"  
 android:textSize="50sp"** />  
  
 <**Button  
 android:id="@+id/button\_add"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:layout\_centerVertical="true"  
 android:text="add"** />  
  
</**RelativeLayout**>

**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.ImageView;  
**import** android.widget.TextView;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
  
**public class** MainActivity **extends** AppCompatActivity {  
 **private** EditText **mEditText1**;  
 **private** EditText **mEditText2**;  
 **private** TextView **mTextViewResult**;  
 **private** Button **mButtonAdd**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 **mEditText1** = findViewById(R.id.***edittext\_number\_1***);  
 **mEditText2** = findViewById(R.id.***edittext\_number\_2***);  
 **mTextViewResult** = findViewById(R.id.***textview\_result***);  
 **mButtonAdd** = findViewById(R.id.***button\_add***);  
  
 **mButtonAdd**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **if** (**mEditText1**.getText().toString().length() == 0) {  
 **mEditText1**.setText(**"0"**);  
 }  
  
 **if** (**mEditText2**.getText().toString().length() == 0) {  
 **mEditText2**.setText(**"0"**);  
 }  
  
  
 **int** num1 = Integer.*parseInt*(**mEditText1**.getText().toString());  
 **int** num2 = Integer.*parseInt*(**mEditText2**.getText().toString());  
  
 **int** sum = num1 + num2;  
  
 **mTextViewResult**.setText(String.*valueOf*(sum));  
 }  
 });  
 }  
}

Zadatak 1: kalkulator

*<?***xml version="1.0" encoding="utf-8"***?>* <**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"   
   
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:padding="16dp"  
 tools:context=".MainActivity"**>  
   
 <**EditText  
 android:id="@+id/edittext\_number\_1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:inputType="number"** />  
   
 <**EditText  
 android:id="@+id/edittext\_number\_2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentStart="true"  
 android:layout\_below="@+id/edittext\_number\_1"  
 android:inputType="number"** />  
   
 <**TextView  
 android:id="@+id/textview\_result"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/edittext\_number\_2"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="16dp"  
 android:textColor="@android:color/black"**

android:textSize="50sp" />  
   
 <**Button  
 android:id="@+id/button\_add"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginVertical="200dp"  
 android:text="Zbrajaj"** />  
   
 <**Button  
 android:id="@+id/bt\_minus"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginVertical="260dp"  
 android:text="Oduzmi"** />  
   
 <**Button  
 android:id="@+id/bt\_mnozi"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginVertical="320dp"  
 android:text="Množi"** />  
   
 <**Button  
 android:id="@+id/bt\_podjeli"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginVertical="380dp"  
 android:text="Dijeli"** />  
   
 </**RelativeLayout**>

**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
 **public class** MainActivity **extends** AppCompatActivity {  
 **private** EditText **mEditText1**;  
 **private** EditText **mEditText2**;  
 **private** TextView **mTextViewResult**;  
 **private** Button **mButtonAdd**;  
 **private** Button **btMinus**;  
 **private** Button **btMnozi**;  
 **private** Button **btDijeli**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 **mEditText1** = findViewById(R.id.***edittext\_number\_1***);  
 **mEditText2** = findViewById(R.id.***edittext\_number\_2***);  
 **mTextViewResult** = findViewById(R.id.***textview\_result***);  
 **mButtonAdd** = findViewById(R.id.***button\_add***);  
 **btMinus**= findViewById(R.id.***bt\_minus***);  
 **btMnozi**=findViewById(R.id.***bt\_mnozi***);  
 **btDijeli**=findViewById(R.id.***bt\_podjeli***);  
  
 **mButtonAdd**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **if** (**mEditText1**.getText().toString().length() == 0) {  
 **mEditText1**.setText(**"0"**);  
 }  
  
 **if** (**mEditText2**.getText().toString().length() == 0) {  
 **mEditText2**.setText(**"0"**);  
 }  
  
 **double** num1 = Integer.*parseInt*(**mEditText1**.getText().toString());  
 **double** num2 = Integer.*parseInt*(**mEditText2**.getText().toString());  
  
 **double** sum = num1 + num2;  
  
 **mTextViewResult**.setText(String.*valueOf*(sum));  
 }  
 });  
 **btMinus**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 **if** (**mEditText1**.getText().toString().length() == 0) {  
 **mEditText1**.setText(**"0"**);  
 }  
  
 **if** (**mEditText2**.getText().toString().length() == 0) {  
 **mEditText2**.setText(**"0"**);  
 }  
  
 **int** num1 = Integer.*parseInt*(**mEditText1**.getText().toString());  
 **int** num2 = Integer.*parseInt*(**mEditText2**.getText().toString());  
  
 **int** sum = num1 - num2;  
  
 **mTextViewResult**.setText(String.*valueOf*(sum));  
 }  
});  
  
 **btMnozi**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 **if** (**mEditText1**.getText().toString().length() == 0) {  
 **mEditText1**.setText(**"0"**);  
 }  
  
 **if** (**mEditText2**.getText().toString().length() == 0) {  
 **mEditText2**.setText(**"0"**);  
 }  
  
 **int** num1 = Integer.*parseInt*(**mEditText1**.getText().toString());  
 **int** num2 = Integer.*parseInt*(**mEditText2**.getText().toString());  
  
 **int** sum = num1 \* num2;  
  
 **mTextViewResult**.setText(String.*valueOf*(sum));  
 }  
 });  
 **btDijeli**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 **if** (**mEditText1**.getText().toString().length() == 0) {  
 **mEditText1**.setText(**"0"**);  
 }  
  
 **if** (**mEditText2**.getText().toString().length() == 0) {  
 **mEditText2**.setText(**"0"**);  
 }  
 **double** num1 = Integer.*parseInt*(**mEditText1**.getText().toString());  
 **double** num2 = Integer.*parseInt*(**mEditText2**.getText().toString());  
  
 **double** sum = num1 / num2;  
  
 **mTextViewResult**.setText(String.*valueOf*(sum));  
 }  
});  
  
 }  
}

Zadatak 2: Napisati tekst pored slike: Proljece, Ljeto, Zima, Jesen i trajanje 21.03-20.06., itd

Zadatak 3 : Umetnuti 4 slike (domaće životinje), jednakih veličina, i okretati slike pritiskom na gumb.

Ekran za LOGIN

<**resources**>  
 <**string name="app\_name"**>My Application5</**string**>  
 <**string name="action\_settings"**>Settings</**string**>  
 <**string name="loginForm"**>Login Form</**string**>  
 <**string name="userName"**>UserName</**string**>  
 <**string name="password"**>Password</**string**>  
 <**string name="login"**>LogIn</**string**>  
  
  
</**resources**>

**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.Toast;  
  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 Button loginButton = (Button) findViewById(R.id.***loginBtn***);  
  
 loginButton.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Toast.*makeText*(getApplicationContext(), **"Hi!!!"**, Toast.***LENGTH\_LONG***).show(); *// display a toast message* }  
 });  
 }  
  
  
 }

<**TableLayout xmlns:android="http://schemas.android.com/apk/res/android"  
android:layout\_width="match\_parent"  
android:layout\_height="match\_parent"  
android:background="#000"  
android:orientation="vertical"  
android:stretchColumns="1"**>  
  
<**TableRow android:padding="5dip"**>  
  
 <**TextView  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="20dp"  
 android:layout\_span="2"  
 android:gravity="center\_horizontal"  
 android:text="@string/loginForm"  
 android:textColor="#0ff"  
 android:textSize="25sp"  
 android:textStyle="bold"** />  
</**TableRow**>  
  
<**TableRow**>  
  
 <**TextView  
 android:layout\_height="wrap\_content"  
 android:layout\_column="0"  
 android:layout\_marginLeft="10dp"  
 android:text="@string/userName"  
 android:textColor="#fff"  
 android:textSize="16sp"** />  
  
 <**EditText  
 android:id="@+id/userName"  
 android:layout\_height="wrap\_content"  
 android:layout\_column="1"  
 android:layout\_marginLeft="10dp"  
 android:background="#fff"  
 android:hint="@string/userName"  
 android:padding="5dp"  
 android:textColor="#000"** />  
</**TableRow**>  
  
<**TableRow**>  
  
 <**TextView  
 android:layout\_height="wrap\_content"  
 android:layout\_column="0"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginTop="20dp"  
 android:text="@string/password"  
 android:textColor="#fff"  
 android:textSize="16sp"** />  
  
 <**EditText  
 android:id="@+id/password"  
 android:layout\_height="wrap\_content"  
 android:layout\_column="1"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginTop="20dp"  
 android:background="#fff"  
 android:hint="@string/password"  
 android:padding="5dp"  
 android:textColor="#000"** />  
</**TableRow**>  
  
  
<**TableRow android:layout\_marginTop="20dp"**>  
  
 <**Button  
 android:id="@+id/loginBtn"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:layout\_span="2"  
 android:background="#0ff"  
 android:text="@string/login"  
 android:textColor="#000"  
 android:textSize="20sp"  
 android:textStyle="bold"** />  
</**TableRow**>  
</**TableLayout**>

Zadatak: izmijeniti sučelje ekrana sa svojim bojama