*Animirani tekst*

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 tools:context=".MainActivity"**>  
  
 <**EditText  
 android:hint="Enter Text"  
 android:id="@+id/animateTxt"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"** />  
  
 <**androidx.appcompat.widget.AppCompatButton  
 android:id="@+id/animateBtn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"  
 android:text="Animate Text"** />  
</**LinearLayout**>

**package** com.example.myapplication13;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.os.Bundle;  
**import** android.os.CountDownTimer;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
  
  
 **int count** = 0;  
 **private boolean isAnimating** = **false**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 **final** EditText animateEditText = findViewById(R.id.***animateTxt***);  
 **final** Button animateBtn = findViewById(R.id.***animateBtn***);  
  
  
 animateBtn.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
  
 **if** (!**isAnimating**) {  
 **isAnimating** = **true**;  
  
 **final** String animateTxt = animateEditText.getText().toString();  
 animateEditText.setText(**""**);  
 **count** = 0;  
  
 **new** CountDownTimer(animateTxt.length() \* 100, 100) {  
 @Override  
 **public void** onTick(**long** millisUntilFinished) {  
 animateEditText.setText(animateEditText.getText().toString() + animateTxt.charAt(**count**));  
 **count**++;  
 }  
  
 @Override  
 **public void** onFinish() {  
 **isAnimating** = **false**;  
 }  
 }.start();  
 }  
 }  
 });  
 }  
 }

Progress bar

*<?***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"  
 tools:context=".MainActivity"**>  
  
  
 <**ProgressBar  
  
 android:id="@+id/progressbar"  
 style="?android:attr/progressBarStyleHorizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:layout\_centerVertical="true"  
 android:max="100"  
 android:progress="45"**/>  
  
  
 <**Button  
  
 android:id="@+id/start"  
 android:layout\_height="wrap\_content"  
 android:layout\_width="300dp"  
 android:layout\_below="@+id/progressbar"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginTop="50dp"  
 android:background="#004c00"  
 android:textColor="#FFFFFF"  
 android:text="START PROGRESS"  
 android:fontFamily="casual"  
 android:textStyle="bold"  
 android:textSize="25sp"  
 android:layout\_centerInParent="true"**/>  
  
  
 <**Button  
  
 android:id="@+id/stop"  
 android:layout\_width="300dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/start"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginTop="20dp"  
 android:text="STOP PROGRESS"  
 android:background="#ff0000"  
 android:textColor="#FFFFFF"  
 android:textStyle="bold"  
 android:textSize="25sp"  
 android:fontFamily="casual"  
 android:layout\_centerInParent="true"**/>  
  
  
  
</**RelativeLayout**>

**package** com.example.myapplication13;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** android.os.Bundle; **import** android.view.View;  
**import** android.widget.Button; **import** android.widget.ProgressBar;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 **private** ProgressBar **progressBar**;  
 **private** Button **startProgress**;  
 **private** Button **stopProgress**;;  
  
 @Override **protected void** onCreate(Bundle savedInstanceState){  
  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 **progressBar** = findViewById(R.id.***progressbar***);  
 **startProgress** = findViewById(R.id.***start***);  
 **stopProgress** = findViewById(R.id.***stop***);  
  
  
 **startProgress**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 **progressBar**.setIndeterminate(**true**);  
 }  
 });  
  
  
 **stopProgress**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view)  
 {  
 **progressBar**.setIndeterminate(**false**);  
  
 }  
 });  
 }}

FrameLayout

*<?***xml version="1.0" encoding="utf-8"***?>*<**FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:id="@+id/frmLayout"  
 android:layout\_width="fill\_parent" android:layout\_height="fill\_parent"**>  
  
 <**ImageView  
 android:id="@+id/imageView"  
 android:layout\_width="325dp"  
 android:layout\_height="324dp"  
 app:srcCompat="@android:drawable/arrow\_down\_float"** />  
  
 <**ImageView  
 android:id="@+id/imageView2"  
 android:layout\_width="327dp"  
 android:layout\_height="324dp"  
 app:srcCompat="@android:drawable/arrow\_up\_float"** />  
  
</**FrameLayout**>

**package** com.example.myapplication13;  
  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.view.View.OnClickListener;  
**import** android.widget.ImageView;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**public class** MainActivity **extends** AppCompatActivity {  
 **private** ImageView **one** = **null**;  
 **private** ImageView **two** = **null**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 **one** = (ImageView)findViewById(R.id.***imageView***);  
 **two** = (ImageView)findViewById(R.id.***imageView2***);  
  
 **one**.setOnClickListener(**new** OnClickListener(){  
  
 **public void** onClick(View view) {  
 **two**.setVisibility(View.***VISIBLE***);  
  
 view.setVisibility(View.***GONE***);  
 }});  
  
 **two**.setOnClickListener(**new** OnClickListener(){  
  
 **public void** onClick(View view) {  
 **one**.setVisibility(View.***VISIBLE***);  
  
 view.setVisibility(View.***GONE***);  
 }});  
 }  
}

zadatak 1

<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
  
 tools:context=".MainActivity"** >  
  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="40dp"  
 android:text="Menu Activity"  
 android:textSize="30dp"  
 android:layout\_marginTop="120dp"  
 android:gravity="center\_vertical|center\_horizontal"** />  
  
</**RelativeLayout**>

*<?***xml version="1.0" encoding="utf-8"***?>*<**menu xmlns:android="http://schemas.android.com/apk/res/android"**>  
  
  
  
 <**item  
 android:id="@+id/Menu\_label1"  
 android:title="@string/menu\_label"**/>  
 <**item  
 android:id="@+id/Menu\_label2"  
 android:title="Menu\_label2"** />  
  
  
</**menu**>

**package** com.example.myapplication13;  
  
**import** android.os.Bundle;  
**import** android.app.Activity;  
**import** android.view.Menu;  
  
**public class** MainActivity **extends** Activity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 }  
  
 @Override  
 **public boolean** onCreateOptionsMenu(Menu menu) {  
  
 **super**.onCreateOptionsMenu(menu);  
 getMenuInflater().inflate(R.menu.***menu***, menu);  
 **return true**;  
 }  
  
}

Zadatak 2

<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android" android:orientation="vertical" android:padding="4dip"  
 android:gravity="center\_horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**Chronometer android:id="@+id/chronometer"  
 android:format="chronometer\_start\_position"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="0"  
 android:paddingBottom="30dip"  
 android:paddingTop="30dip"** />  
  
 <**Button android:id="@+id/start"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="start"**>  
 <**requestFocus** />  
 </**Button**>  
  
 <**Button android:id="@+id/stop"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="stop"**>  
 </**Button**>  
  
 <**Button android:id="@+id/reset"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="reset"**>  
 </**Button**>  
  
  
  
</**LinearLayout**>

**package** com.example.myapplication13;  
  
  
  
**import** android.widget.Chronometer;  
**import** android.app.Activity;  
**import** android.os.Bundle;  
**import** android.os.SystemClock;  
**import** android.view.View;  
**import** android.view.View.OnClickListener;  
**import** android.widget.Button;  
  
  
**public class** MainActivity **extends** Activity {  
 Chronometer **mChronometer**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
  
 setContentView(R.layout.***activity\_main***);  
  
 Button button;  
  
 **mChronometer** = (Chronometer) findViewById(R.id.***chronometer***);  
  
  
 button = (Button) findViewById(R.id.***start***);  
 button.setOnClickListener(**mStartListener**);  
  
 button = (Button) findViewById(R.id.***stop***);  
 button.setOnClickListener(**mStopListener**);  
  
 button = (Button) findViewById(R.id.***reset***);  
 button.setOnClickListener(**mResetListener**);  
  
  
 }  
  
 View.OnClickListener **mStartListener** = **new** OnClickListener() {  
 **public void** onClick(View v) {  
 **mChronometer**.start();  
 }  
 };  
  
 View.OnClickListener **mStopListener** = **new** OnClickListener() {  
 **public void** onClick(View v) {  
 **mChronometer**.stop();  
 }  
 };  
  
 View.OnClickListener **mResetListener** = **new** OnClickListener() {  
 **public void** onClick(View v) {  
 **mChronometer**.setBase(SystemClock.*elapsedRealtime*());  
 }  
 };  
  
  
}