**MainActivity.java**

package krukm.app.animacja

import android.app.Activity;

import android.os.Bundle;

import android.view.Menu;

import android.view.MenuItem;

import android.view.View;

import android.view.animation.Animation;

import android.view.animation.AnimationUtils;

import android.widget.ImageView;

import android.widget.Toast;

public class MainActivity extends Activity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

}

public void clockwise(View view){

ImageView image = (ImageView)findViewById(R.id.imageView);

Animation animation = AnimationUtils.loadAnimation(getApplicationContext(), R.anim.myanimation);

image.startAnimation(animation);

}

public void zoom(View view){

ImageView image = (ImageView)findViewById(R.id.imageView);

Animation animation1 = AnimationUtils.loadAnimation(getApplicationContext(), R.anim.clockwise);

image.startAnimation(animation1);

}

public void fade(View view){

ImageView image = (ImageView)findViewById(R.id.imageView);

Animation animation1 = AnimationUtils.loadAnimation(getApplicationContext(), R.anim.fade);

image.startAnimation(animation1);

}

public void blink(View view){

ImageView image = (ImageView)findViewById(R.id.imageView);

Animation animation1 = AnimationUtils.loadAnimation(getApplicationContext(), R.anim.blink);

image.startAnimation(animation1);

}

public void move(View view){

ImageView image = (ImageView)findViewById(R.id.imageView);

Animation animation1 = AnimationUtils.loadAnimation(getApplicationContext(), R.anim.move);

image.startAnimation(animation1);

}

public void slide(View view){

ImageView image = (ImageView)findViewById(R.id.imageView);

Animation animation1 = AnimationUtils.loadAnimation(getApplicationContext(), R.anim.slide);

image.startAnimation(animation1);

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

// Inflate the menu; this adds items to the action bar if it is present.

getMenuInflater().inflate(R.menu.menu\_main, menu);

return true;

}

@Override

public boolean onOptionsItemSelected(MenuItem item) {

// Handle action bar item clicks here. The action bar will

// automatically handle clicks on the Home/Up button, so long

// as you specify a parent activity in AndroidManifest.xml.

int id = item.getItemId();

//noinspection SimplifiableIfStatement

if (id == R.id.action\_settings) {

return true;

}

return super.onOptionsItemSelected(item);

}

}

**activity\_main.xml**

<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" android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

android:paddingBottom="@dimen/activity\_vertical\_margin" tools:context=".MainActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Alert Dialog"

android:id="@+id/textView"

android:textSize="35dp"

android:layout\_alignParentTop="true"

android:layout\_centerHorizontal="true" />

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Tutorialspoint"

android:id="@+id/textView2"

android:textColor="#ff3eff0f"

android:textSize="35dp"

android:layout\_below="@+id/textView"

android:layout\_centerHorizontal="true" />

<ImageView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/imageView"

android:src="@drawable/logo"

android:layout\_below="@+id/textView2"

android:layout\_alignRight="@+id/textView2"

android:layout\_alignEnd="@+id/textView2"

android:layout\_alignLeft="@+id/textView"

android:layout\_alignStart="@+id/textView"/>

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="zoom"

android:id="@+id/button"

android:layout\_below="@+id/imageView"

android:layout\_alignParentLeft="true"

android:layout\_alignParentStart="true"

android:layout\_marginTop="40dp"

android:onClick="clockwise"/>

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="clockwise"

android:id="@+id/button2"

android:layout\_alignTop="@+id/button"

android:layout\_centerHorizontal="true"

android:onClick="zoom"/>

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="fade"

android:id="@+id/button3"

android:layout\_alignTop="@+id/button2"

android:layout\_alignParentRight="true"

android:layout\_alignParentEnd="true"

android:onClick="fade"/>

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="blink"

android:onClick="blink"

android:id="@+id/button4"

android:layout\_below="@+id/button"

android:layout\_alignParentLeft="true"

android:layout\_alignParentStart="true" />

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="move"

android:onClick="move"

android:id="@+id/button5"

android:layout\_below="@+id/button2"

android:layout\_alignRight="@+id/button2"

android:layout\_alignEnd="@+id/button2"

android:layout\_alignLeft="@+id/button2"

android:layout\_alignStart="@+id/button2" />

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="slide"

android:onClick="slide"

android:id="@+id/button6"

android:layout\_below="@+id/button3"

android:layout\_toRightOf="@+id/textView"

android:layout\_toEndOf="@+id/textView" />

</RelativeLayout>

**res/anim/myanimation.xml**

<?xml version="1.0" encoding="utf-8"?>

<set xmlns:android="http://schemas.android.com/apk/res/android">

<scale xmlns:android="http://schemas.android.com/apk/res/android"

android:fromXScale="0.5"

android:toXScale="3.0"

android:fromYScale="0.5"

android:toYScale="3.0"

android:duration="5000"

android:pivotX="50%"

android:pivotY="50%" >

</scale>

<scale xmlns:android="http://schemas.android.com/apk/res/android"

android:startOffset="5000"

android:fromXScale="3.0"

android:toXScale="0.5"

android:fromYScale="3.0"

android:toYScale="0.5"

android:duration="5000"

android:pivotX="50%"

android:pivotY="50%" >

</scale>

</set>

**res/anim/clockwise.xml**

<?xml version="1.0" encoding="utf-8"?>

<set xmlns:android="http://schemas.android.com/apk/res/android">

<rotate xmlns:android="http://schemas.android.com/apk/res/android"

android:fromDegrees="0"

android:toDegrees="360"

android:pivotX="50%"

android:pivotY="50%"

android:duration="5000" >

</rotate>

<rotate xmlns:android="http://schemas.android.com/apk/res/android"

android:startOffset="5000"

android:fromDegrees="360"

android:toDegrees="0"

android:pivotX="50%"

android:pivotY="50%"

android:duration="5000" >

</rotate>

</set>

**res/anim/fade.xml**

<?xml version="1.0" encoding="utf-8"?>

<set xmlns:android="http://schemas.android.com/apk/res/android"

android:interpolator="@android:anim/accelerate\_interpolator" >

<alpha

android:fromAlpha="0"

android:toAlpha="1"

android:duration="2000" >

</alpha>

<alpha

android:startOffset="2000"

android:fromAlpha="1"

android:toAlpha="0"

android:duration="2000" >

</alpha>

</set>

**res/anim/blink.xml**

<?xml version="1.0" encoding="utf-8"?>

<set xmlns:android="http://schemas.android.com/apk/res/android">

<alpha android:fromAlpha="0.0"

android:toAlpha="1.0"

android:interpolator="@android:anim/accelerate\_interpolator"

android:duration="600"

android:repeatMode="reverse"

android:repeatCount="infinite"/>

</set>

**res/anim/move.xml**

<?xml version="1.0" encoding="utf-8"?>

<set

xmlns:android="http://schemas.android.com/apk/res/android"

android:interpolator="@android:anim/linear\_interpolator"

android:fillAfter="true">

<translate

android:fromXDelta="0%p"

android:toXDelta="75%p"

android:duration="800" />

</set>

**res/anim/slide.xml**

<?xml version="1.0" encoding="utf-8"?>

<set xmlns:android="http://schemas.android.com/apk/res/android"

android:fillAfter="true" >

<scale

android:duration="500"

android:fromXScale="1.0"

android:fromYScale="1.0"

android:interpolator="@android:anim/linear\_interpolator"

android:toXScale="1.0"

android:toYScale="0.0" />

</set>

**res/values/string.xml**

<resources>

<string name="app\_name">My Application</string>

<string name="hello\_world">Hello world!</string>

<string name="action\_settings">Settings</string>

</resources>