mainActivity.java

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| package com.example.animation;  import android.media.Image; import android.os.Bundle;  import com.google.android.material.floatingactionbutton.FloatingActionButton; import com.google.android.material.snackbar.Snackbar;  import androidx.appcompat.app.AppCompatActivity; import androidx.appcompat.widget.Toolbar;  import android.view.View; import android.view.Menu; import android.view.MenuItem; import android.view.animation.Animation; import android.view.animation.AnimationUtils; import android.widget.ImageView;  public class MainActivity extends AppCompatActivity {   @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.*clockwise* );  image.startAnimation(animation);  }  public void zoom(View view){  ImageView image=(ImageView)findViewById( R.id.*imageView* );  Animation animation1= AnimationUtils.*loadAnimation*( getApplicationContext(), R.anim.*myanimation* );  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 );  } } |

contextMain.xml

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| <?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"  app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior"  tools:context=".MainActivity"  tools:showIn="@layout/activity\_main">   <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="DZIYA`"  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: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="@mipmap/ic\_launcher"  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="Clockwise"  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="zoom"  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\_alignParentTop="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> |

myAnimation.xml

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| <?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  xmlns:android="http://schemas.android.com/apk/res/android"  android:startOffset="5000"  android:pivotY="50%"  android:pivotX="50%"  android:fromYScale="3.0"  android:toYScale="0.5"  android:fromXScale="3.0"  android:toXScale="0.5"  android:duration="5000" />  </set> |

Clockwise.xml

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| <?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  xmlns:android="http://schemas.android.com/apk/res/android"  android:startOffset="5000"  android:fromDegrees="360"  android:toDegrees="0"  android:pivotY="50%"  android:pivotX="50%"  android:duration="5000"/> </set> |

Fade.xml

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| <?xml version="1.0" encoding="utf-8"?> <set  xmlns:android="http://schemas.android.com/apk/res/android"  android:interpolator="@android:anim/accelerate\_decelerate\_interpolator">   <alpha  android:fromAlpha="0"  android:toAlpha="1"  android:duration="2000"/>  <alpha  android:toAlpha="0"  android:fromAlpha="1"  android:startOffset="2000"  android:duration="2000"/> </set> |

Move.xml

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| <?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> |

Blink.xml

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| <?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> |

Slide.xml

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| <?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> |

