**ZOOM ROTATE CAR**

**Update activity\_main.xml**

Remove the buttons that are not related to zoom and rotate animations. Here's how your activity\_main.xml should look:

xml

Copy code

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

<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">

<ImageView

android:id="@+id/imageview"

android:layout\_width="200dp"

android:layout\_height="200dp"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="40dp"

android:contentDescription="@string/lab6"

android:src="@drawable/car" />

<LinearLayout

android:id="@+id/linear1"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_below="@id/imageview"

android:layout\_marginTop="30dp"

android:orientation="horizontal">

<Button

android:id="@+id/BTNrotate"

android:layout\_width="0dp"

android:layout\_height="wrap\_content"

android:layout\_weight="1"

android:layout\_margin="10dp"

android:text="@string/clockwise" />

<Button

android:id="@+id/BTNzoom"

android:layout\_width="0dp"

android:layout\_height="wrap\_content"

android:layout\_weight="1"

android:layout\_margin="10dp"

android:text="@string/zoom" />

</LinearLayout>

<Button

android:id="@+id/BTNstop"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_below="@id/linear1"

android:layout\_marginTop="30dp"

android:layout\_marginLeft="30dp"

android:layout\_marginRight="30dp"

android:text="@string/stop\_animation" />

</RelativeLayout>

**2. Update res/values/strings.xml**

Remove the strings related to the other buttons. Your strings.xml should look like this:

xml

Copy code

<resources>

<string name="lab6">YourAppName</string>

<string name="clockwise">Clockwise</string>

<string name="zoom">Zoom</string>

<string name="stop\_animation">Stop Animation</string>

</resources>

**3. Update MainActivity.java**

package com.example.lab6;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.view.animation.Animation;

import android.view.animation.AnimationUtils;

import android.widget.Button;

import android.widget.ImageView;

public class MainActivity extends AppCompatActivity {

ImageView imageView;

Button rotateBTN, zoomBTN, stopBTN;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

imageView = findViewById(R.id.imageview);

rotateBTN = findViewById(R.id.BTNrotate);

zoomBTN = findViewById(R.id.BTNzoom);

stopBTN = findViewById(R.id.BTNstop);

rotateBTN.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

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

imageView.startAnimation(animation);

}

});

zoomBTN.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

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

imageView.startAnimation(animation);

}

});

stopBTN.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

imageView.clearAnimation();

}

});

}

}