**PROGRAM 7 - FRAME LAYOUT TOGGLE IMAGE**

**activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>  
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <ImageView  
 android:id="@+id/imageView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:scaleType="centerCrop"  
 android:src="@drawable/a" />  
  
</FrameLayout>

**MainActivity.java**

package com.example.framelayoutimagetoggle;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.ImageView;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class MainActivity extends AppCompatActivity {  
  
 private ImageView imageView;  
 private boolean isImage1 = true;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 imageView = findViewById(R.id.*imageView*);  
  
 // Set an OnClickListener to toggle images  
 imageView.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 toggleImage();  
 }  
 });  
 }  
  
 private void toggleImage() {  
 if (isImage1) {  
 imageView.setImageResource(R.drawable.*b*);  
 } else {  
 imageView.setImageResource(R.drawable.*a*);  
 }  
 isImage1 = !isImage1; // Toggle the boolean flag  
 }  
}

**OUTPUT**



