Program

Aim: Program to develop an application that toggles image using FrameLayout

XML Code:

```
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
  xmlns:tools="http://schemas.android.com/tools"
  android:layout_width="match_parent"
  android:layout_height="match_parent"
  android:layout_gravity="center"
  android:background="@color/teal_700"
  tools:context=".MainActivity">
  <ImageView
    android:id="@+id/image2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:src="@drawable/image2"
    android:visibility="gone"/>
  <ImageView
    android:id="@+id/image1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:src="@drawable/image1"/>
```

```
</FrameLayout>
```

Java Code:

```
package com.example.frame_layout;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.ImageView;
public class MainActivity extends AppCompatActivity implements View.OnClickListener {
  ImageView img1,img2;
  @Override
  protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    img1 =findViewById(R.id.image1);
    img2 =findViewById(R.id.image2);
    img1.setOnClickListener(this);
    img2.setOnClickListener(this);
  public void onClick(View v)
    int id=v.getId();
    switch (id){
      case R.id.image1:
         img1.setVisibility(View.GONE);
```

```
img2.setVisibility(View.VISIBLE);
break;
case R.id.image2:
    img1.setVisibility(View.VISIBLE);
    img2.setVisibility(View.GONE);
    break;
}
```

Output:

