Program no: 9

Aim: 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"</p>
  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"</pre>
     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"</pre>
     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:

