PROGRAM 4

<u>AIM</u>: Develop an application that toggles image using FrameLayout

PROGRAM CODE:

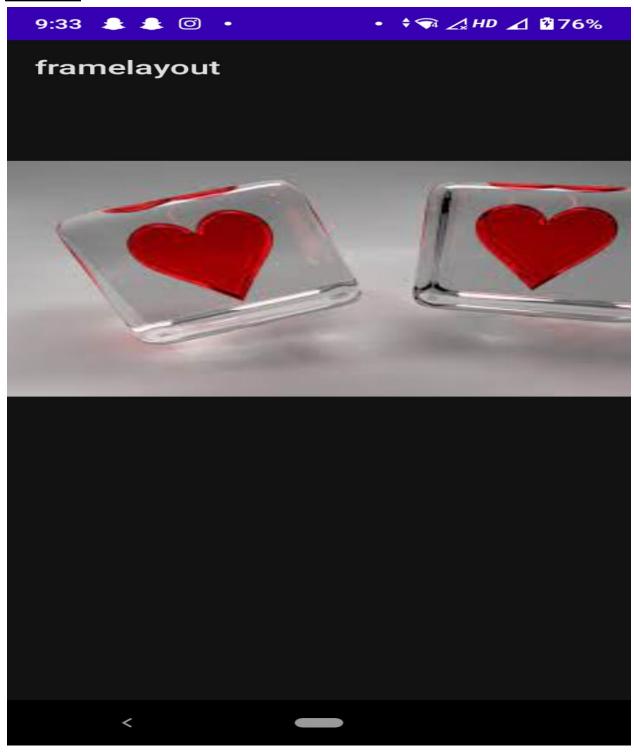
}

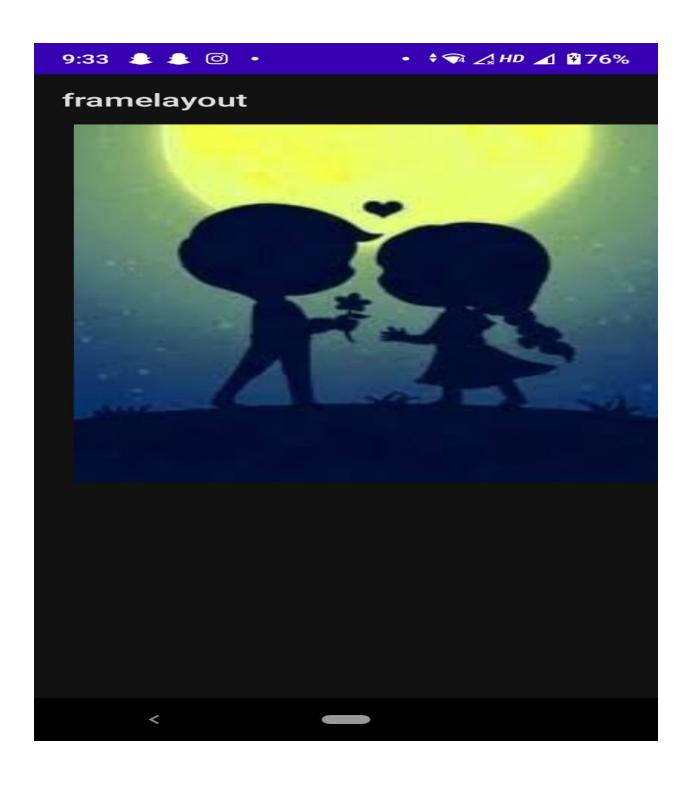
```
<u>JAVA</u>
package com.example.framelayout;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.ImageView;
  public class MainActivity extends AppCompatActivity implements View.OnClickListener {
    ImageView i1,i2;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
       super.onCreate(savedInstanceState);
       setContentView(R.layout.activity_main);
       i1=(ImageView) findViewById(R.id.imageView1);
       i2=(ImageView) findViewById(R.id.imageView2);
       i1.setOnClickListener(this);
      i2.setOnClickListener(this);
```

```
@Override
    public void onClick(View v) {
       if(v.getId()==R.id.imageView1)
         i1.setVisibility(v.GONE);
         i2.setVisibility(v.VISIBLE);
       }
       else
         i2.setVisibility(v.GONE);
         i1.setVisibility(v.VISIBLE);
<u>XML</u>
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
  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"
  tools:context=".MainActivity">
  <ImageView
```

```
android:id="@+id/imageView1"
    android:layout width="400dp"
    android:layout height="392dp"
    app:srcCompat="@drawable/emojii"
    android:layout gravity="left|top"/>
  <ImageView
    android:id="@+id/imageView2"
    android:layout width="396dp"
    android:layout height="400dp"
    app:srcCompat="@drawable/asd"
    android:layout gravity="left|top"
    android:visibility="gone"/>
  <FrameLayout
    android:layout width="match parent"
    android:layout height="match parent">
  </FrameLayout>
</FrameLayout>
```

OUTPUT:





RESULT: Program has been successfully executed and output is obtained.