COURSE OUTCOME:2

PROGRAM:4

AIM: Develop an application that toggles image using Frame Layout

SOURCE CODE:  
activity\_main.xml

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

<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"

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">

android:layout\_width="409dp"

android:layout\_height="729dp"

app:layout\_constraintTop\_toTopOf="parent"

tools:layout\_editor\_absoluteX="1dp">

<ImageView

android:id="@+id/clickme"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_gravity="center\_horizontal"

app:srcCompat="@drawable/clickme" />

<ImageView

android:id="@+id/hereiam"

android:layout\_width="257dp"

android:layout\_height="191dp"

android:layout\_gravity="center\_horizontal"

app:srcCompat="@drawable/hereiam" />

</FrameLayout>

MainActitvity.java

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.clickme);

i2=(ImageView) findViewById(R.id.hereiam);

i1.setOnClickListener(this);

i2.setOnClickListener(this);

}

@Override

public void onClick(View v)

{

if(v.getId()==R.id.clickme)

{

i1.setVisibility(v.GONE);

i2.setVisibility(v.VISIBLE);

}

else

{

i2.setVisibility(v.GONE);

i1.setVisibility(v.VISIBLE);

}

}

}

OUTPUT

 