**HYBRID APPLICATION DEVELOPMENT LAB**

Pushpesh Bhushan

1NT19IS121

Program:ImageView

//mainactivity

package com.example.imageviewlasya;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.ImageView;

public class MainActivity extends AppCompatActivity {

ImageView imageView;

Button change;

int flag = 1;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_main*);

imageView = findViewById(R.id.*imageView*);

change = findViewById(R.id.*button*);

change.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

if(flag == 1) {

imageView.setImageResource(R.drawable.*ic\_launcher\_background*);

flag = 2;

} else {

imageView.setImageResource(R.drawable.*ic\_launcher\_foreground*);

flag = 1;

}

}

});

}

}

//Activitymainhtml

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

<androidx.constraintlayout.widget.ConstraintLayout 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">

<ImageView

android:id="@+id/imageView"

android:layout\_width="177dp"

android:layout\_height="197dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.498"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.346"

tools:srcCompat="first090" />

<Button

android:id="@+id/button"

android:layout\_width="169dp"

android:layout\_height="57dp"

android:text="CHANGE"

app:backgroundTint="#14B5CA"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.498"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/imageView"

app:layout\_constraintVertical\_bias="0.252" />

<ImageView

android:id="@+id/imageView2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

tools:layout\_editor\_absoluteX="122dp"

tools:layout\_editor\_absoluteY="190dp"

tools:srcCompat="@tools:sample/avatars" />

</androidx.constraintlayout.widget.ConstraintLayout>

//ALLERTBOX

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.ImageView;

public class MainActivity extends AppCompatActivity {

ImageView imageView;

Button change;

int flag = 1;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_main*);

imageView = findViewById(R.id.*imageView*);

change = findViewById(R.id.*button*);

change.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

if(flag == 1) {

imageView.setImageResource(R.drawable.*ic\_launcher\_background*);

flag = 2;

} else {

imageView.setImageResource(R.drawable.*ic\_launcher\_foreground*);

flag = 1;

}

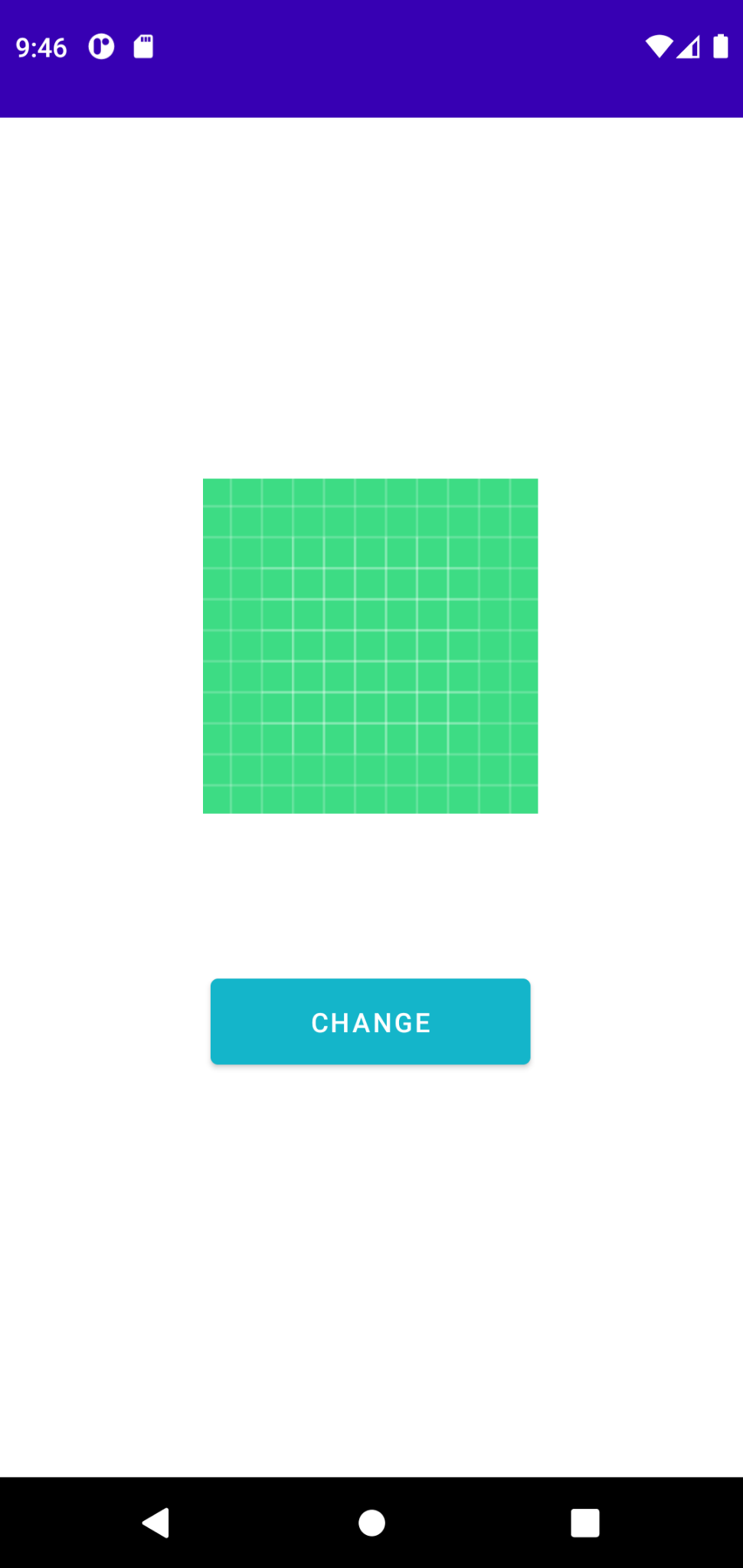
}

});

}

}

*Output*

**

**