activity_main.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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">
 <TextView
 android:id="@+id/textView"
 android:layout_width="210dp"
 android:layout_height="54dp"
 android:layout_alignParentEnd="true"
 android:layout_alignParentBottom="true"
 android:layout_marginEnd="120dp"
 android:layout_marginBottom="576dp"
 android:text="Wall Paper Change Application"
 android:textSize="28dp" />
 <Button
 android:id="@+id/button"
 android:layout_width="wrap_content"
 android:layout_height="wrap_content"
 android:layout_alignParentEnd="true"
 android:layout_alignParentBottom="true"
 android:layout_marginEnd="173dp"
 android:layout_marginBottom="189dp"
 android:text="Click Here To Change Wall Paper"
 android:textSize="26dp" />
```

</RelativeLayout>

MainActivity.java

```java
import androidx.appcompat.app.AppCompatActivity;

import android.app.WallpaperManager;

import android.graphics.Bitmap;

import android.graphics.BitmapFactory;

import android.graphics.drawable.AnimationDrawable;

import android.graphics.drawable.BitmapDrawable;

import android.graphics.drawable.Drawable;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.Toast;

import java.io.IOException;

import java.util.Timer;

import java.util.TimerTask;

public class MainActivity extends AppCompatActivity {

Button changewallpaper;

Timer mytimer;

Drawable drawable;

WallpaperManager wpm;

int prev=1;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity_main);

mytimer = new Timer();
```
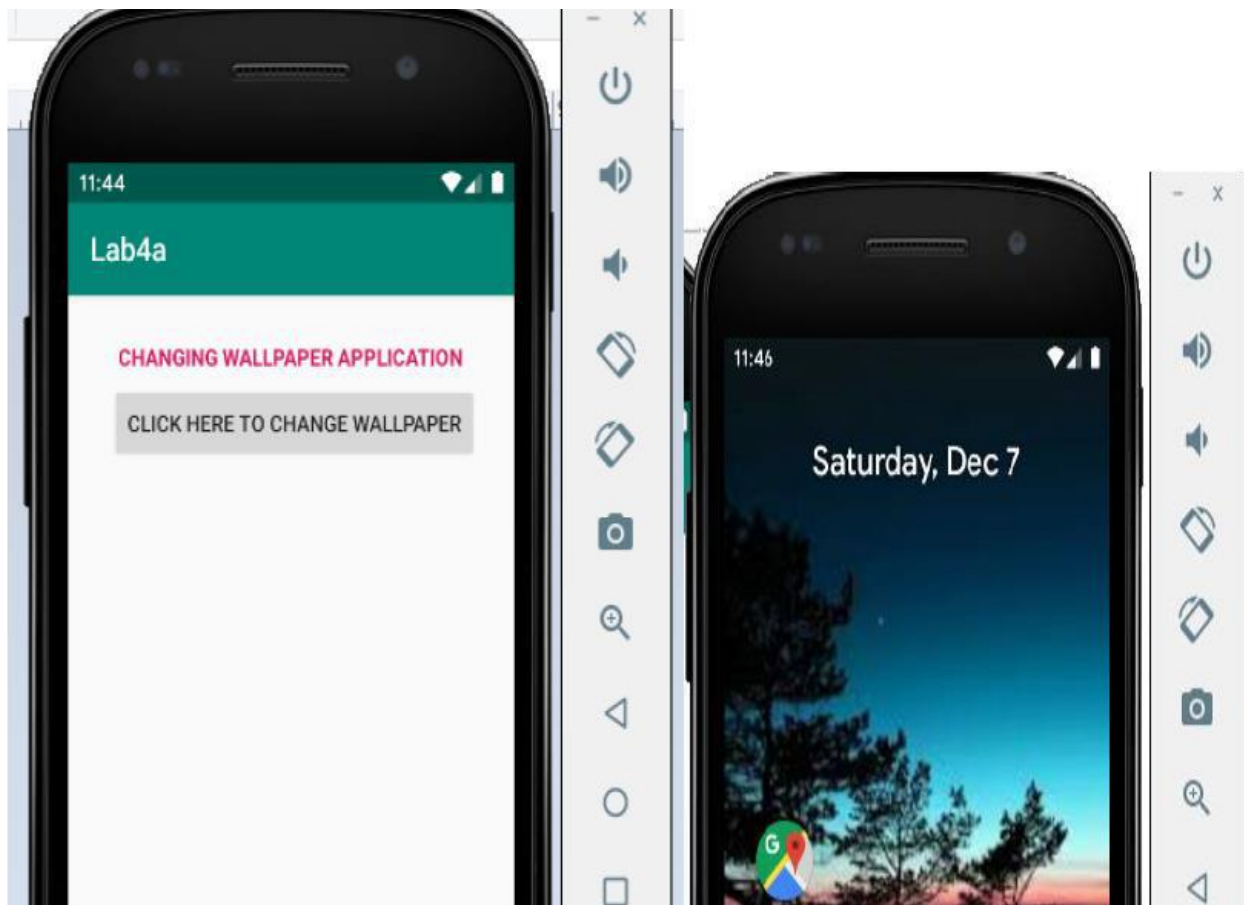
```java
wpm = WallpaperManager.getInstance(this);

changewallpaper = findViewById(R.id.button);

changewallpaper.setOnClickListener(new View.OnClickListener() {

@Override public void onClick(View view) {

setWallpaper();

}

});

}

private void setWallpaper() {

mytimer.schedule(new TimerTask() {

@Override

public void run() {

if(prev==1) {

drawable = getResources().getDrawable(R.drawable.one);

prev = 2;

}

else if(prev==2) {

drawable = getResources().getDrawable(R.drawable.two);

prev=3;

}

else if(prev==3) {

drawable = getResources().getDrawable(R.drawable.three);

prev=4;

}

else if(prev==4) {

drawable = getResources().getDrawable(R.drawable.four);

prev=5;

}
```

```
else if(prev==5) {

drawable = getResources().getDrawable(R.drawable.five);

prev=1;

}

Bitmap wallpaper = ((BitmapDrawable)drawable).getBitmap();

try {

wpm.setBitmap(wallpaper);

} catch (IOException e) {

e.printStackTrace();

}

}

},0,30000); } }
```

Output:

Result:

Thus the wallpaper program executed successfully.