```
wallpaper:
java:
package com.example.wallpaper;
import android.annotation.SuppressLint;
import android.app.WallpaperManager;
import android.graphics.Bitmap;
import android.graphics.drawable.BitmapDrawable;
import android.graphics.drawable.Drawable;
import android.os.Bundle;
import android.widget.Button;
import androidx.appcompat.app.AppCompatActivity;
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();
     wpm = WallpaperManager.getInstance(this);
     changewallpaper = findViewById(R.id.button); changewallpaper.setOnClickListener(view ->
         setWallpaper());
  }
  private void setWallpaper() {
     mytimer.schedule(new TimerTask() {
       @SuppressLint("UseCompatLoadingForDrawables")
       @Override
       public void run() {
         if(prev==1) {
            drawable = getResources().getDrawable(R.drawable.android studio wp img1);
            prev = 2;
         else if(prev==2) {
            drawable = getResources().getDrawable(R.drawable.android_studio_wp_img2);
            prev=3:
         }
```

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else if(prev==3) {
            drawable = getResources().getDrawable(R.drawable.android_studio_wp_img3);
            prev=4;
         }
         else if(prev==4) {
            drawable = getResources().getDrawable(R.drawable.android studio wp img5);
            prev=1;
         }
         Bitmap wallpaper = ((BitmapDrawable)drawable).getBitmap();
         try {
            wpm.setBitmap(wallpaper);
         } catch (IOException e) {
            e.printStackTrace();
         }
       }
    },0,30000); } }
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:layout_width="178dp"
    android:layout height="40dp"
    android:layout alignParentEnd="true"
    android:layout_alignParentBottom="true"
    android:layout marginEnd="123dp"
    android:layout_marginBottom="420dp"
    android:text="wallpaper changer"
    android:textSize="20sp"
    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="0.215" />
```

```
<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="129dp"
android:layout_marginBottom="341dp"
android:text=" changewallpaper" />
```

</RelativeLayout>