

Wallpaper Changing

ACTIVITY.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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:orientation="vertical">
    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="WallPaper Changing App"
        android:textAllCaps="true"
        android:textAlignment="center"
        android:textColor="#000"
        android:textSize="25sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
    <Button
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:textSize="20sp"
        android:text="Change wallpaper"
```

```
        android:layout_marginTop="30dp"
        android:id="@+id/changewallpaper"
        android:onClick="changewallpaper"/>
</LinearLayout>
```

ACTIVITY.java

```
package com.example.wallpaperchanger;
import androidx.appcompat.app.AppCompatActivity;
import android.app.WallpaperManager;
import android.graphics.Bitmap;
import android.graphics.drawable.BitmapDrawable;
import android.graphics.drawable.Drawable;
import android.os.Bundle;
import android.view.View;
import java.io.IOException;
import java.util.Timer;
import java.util.TimerTask;
public class MainActivity extends AppCompatActivity {
    Timer myTimer;
    Drawable drawable;
    WallpaperManager wpm;
    int next = 1;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        myTimer = new Timer();
        wpm = WallpaperManager.getInstance(this);
    }
    public void changewallpaper(View v)
    {
        setWallpaper();
    }
}
```

```
}  
  
public void setWallpaper()  
{  
    myTimer.schedule(new TimerTask() {  
        @Override  
        public void run() {  
            if(next == 1)  
            {  
                drawable = getResources().getDrawable(R.drawable.one);  
                next = 2;  
            }  
            else if(next == 2)  
            {  
                drawable = getResources().getDrawable(R.drawable.two);  
                next = 3;  
            }  
            else if(next == 3)  
            {  
                drawable = getResources().getDrawable(R.drawable.three);  
                next = 4;  
            }  
            else if(next == 4)  
            {  
                drawable = getResources().getDrawable(R.drawable.four);  
                next = 5;  
            }  
            else if(next == 5)  
            {  
                drawable = getResources().getDrawable(R.drawable.five);  
                next = 6;  
            }  
            else if(next == 6)
```

```

{
    drawable = getResources().getDrawable(R.drawable.six);
    next = 7;
}
else if(next == 7)
{
    drawable = getResources().getDrawable(R.drawable.seven);
    next = 8;
}
else if(next == 8)
{
    drawable = getResources().getDrawable(R.drawable.eight);
    next = 9;
}
else if(next == 9)
{
    drawable = getResources().getDrawable(R.drawable.nine);
    next = 10;
}
else if(next == 10)
{
    drawable = getResources().getDrawable(R.drawable.ten);
    next = 1;
}
Bitmap img = ((BitmapDrawable)drawable).getBitmap();
try {
    wpm.setImageBitmap(img);
} catch (IOException e) {
    e.printStackTrace();
}
}
},30000,5000);

```

```
}  
}
```

AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>  
<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
    package="com.example.wallpaperchanger">  
    <uses-permission android:name="android.permission.SET_WALLPAPER" />  
    <application  
        android:allowBackup="true"  
        android:icon="@mipmap/ic_launcher"  
        android:label="@string/app_name"  
        android:roundIcon="@mipmap/ic_launcher_round"  
        android:supportsRtl="true"  
        android:theme="@style/Theme.WallpaperChanger">  
        <activity  
            android:name=".MainActivity"  
            android:exported="true">  
            <intent-filter>  
                <action android:name="android.intent.action.MAIN" />  
                <category android:name="android.intent.category.LAUNCHER" />  
            </intent-filter>  
        </activity>  
    </application>  
</manifest>
```



