

ImageView example (Switch images)

Learn how to Switch Images in Android

MainActivity CLASS

```
package com.example.malik.test;

import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
public class MainActivity extends AppCompatActivity {

    private ImageView imageView;
    private Button button;
    private int current_image_index;
    int[] images = {R.drawable.pic1, R.drawable.pic2, R.drawable.pic3, R.drawable.pic4, R.drawable.pic5};

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        SwitchImageOnButtonClick();
    }

    private void SwitchImageOnButtonClick() {
        imageView = (ImageView) findViewById(R.id.imageView);
        button = (Button) findViewById(R.id.bSwitch);

        button.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                current_image_index++;
                current_image_index = current_image_index % images.length;
                imageView.setImageResource(images[current_image_index]);
            }
        });
    }
}
```

MainActivity XML

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
```

```
android:layout_width="match_parent"  
android:layout_height="match_parent"  
android:orientation="vertical"  
android:paddingBottom="@dimen/activity_vertical_margin"  
android:paddingLeft="@dimen/activity_horizontal_margin"  
android:paddingRight="@dimen/activity_horizontal_margin"  
android:paddingTop="@dimen/activity_vertical_margin"  
tools:context="com.example.malik.test.MainActivity">
```

```
<ImageView  
android:layout_width="wrap_content"  
android:layout_height="wrap_content"  
android:id="@+id/imageView"  
android:layout_alignParentTop="true"  
android:layout_alignParentLeft="true"  
android:layout_alignParentStart="true"  
android:src="@android:drawable/alert_dark_frame"  
android:scaleType="fitCenter"  
android:layout_alignParentRight="true"  
android:layout_alignParentEnd="true"  
android:layout_above="@+id/bSwitch" />
```

```
<Button  
android:layout_width="wrap_content"  
android:layout_height="wrap_content"  
android:text="Switch Image"  
android:id="@+id/bSwitch"  
android:layout_alignParentBottom="true"  
android:layout_centerHorizontal="true" />  
</RelativeLayout>
```

Output :



