CREATE AN APPLICATION WITH THREE BUTTONS, ON SELECTING A BUTTON COLOR OF THE SCREEN WILL CHANGE

XML file: activity\_three\_buttons.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:id="@+id/rel"  
 android:layout\_height="match\_parent"  
 tools:context="com.example.user.assign.ThreeButtons"  
 android:visibility="visible"**>  
  
 <**Button  
 android:id="@+id/red"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:layout\_marginLeft="30dp"  
 android:layout\_marginStart="30dp"  
 android:layout\_marginTop="32dp"  
 android:background="@android:color/background\_light"  
 android:backgroundTint="@android:color/darker\_gray"  
 android:onClick="onChange"  
 android:text="@string/red"** />  
  
 <**Button  
 android:id="@+id/black"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignBaseline="@+id/red"  
 android:layout\_alignBottom="@+id/red"  
 android:layout\_centerHorizontal="true"  
 android:background="@android:color/background\_light"  
 android:backgroundTint="@android:color/darker\_gray"  
 android:onClick="onChange"  
 android:text="@string/black"** />  
  
 <**Button  
 android:id="@+id/yellow"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
  
 android:layout\_alignBaseline="@+id/black"  
 android:layout\_alignBottom="@+id/black"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentRight="true"  
 android:layout\_marginEnd="29dp"  
 android:layout\_marginRight="29dp"  
 android:background="@android:color/background\_light"  
 android:backgroundTint="@android:color/darker\_gray"  
 android:onClick="onChange"  
 android:text="@string/yellow"  
 android:visibility="visible"** />  
  
</**RelativeLayout**>

Java file: ThreeButtons.java

**package** com.example.user.assign;  
  
**import** android.app.Activity;  
**import** android.graphics.Color;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.RelativeLayout;  
**import** android.widget.TextView;  
**import** android.widget.Button;  
  
  
**public class** ThreeButtons **extends** Activity {  
 RelativeLayout **r**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_three\_buttons***);  
 **r**=(RelativeLayout) findViewById(R.id.***rel***);  
 }  
 **public void** onChange(View v)  
 {  
 **switch**(v.getId())  
 {  
 **case** R.id.***yellow***:  
 **r**.setBackgroundColor(Color.***YELLOW***); **break**;  
 **case** R.id.***black***:  
 **r**.setBackgroundColor(Color.***BLACK***); **break**;  
 **case** R.id.***red***:  
 **r**.setBackgroundColor(Color.***RED***); **break**;  
  
 }  
 }  
}

String.xml file

<**resources**>  
 <**string name="app\_name"**>Assign</**string**>  
 <**string name="red"**>RED</**string**>  
 <**string name="black"**>BLACK</**string**>  
 <**string name="yellow"**>YELLOW</**string**>  
</**resources**>



