COUNTER JAVA **android**

* ACTIVITYMAIN.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"  
   xmlns:app="http://schemas.android.com/apk/res-auto"  
   android:layout\_width="match\_parent"  
   android:layout\_height="match\_parent"  
   android:orientation="vertical"  
    
   tools:context="com.example.android.counterjava.MainActivity"**>  
   <**LinearLayout  
   android:layout\_width="match\_parent"  
   android:layout\_height="match\_parent"  
   android:orientation="vertical"  
   android:weightSum="1"  
   android:layout\_alignParentTop="true"  
   android:layout\_alignParentLeft="true"  
   android:layout\_alignParentStart="true"**>  
   <**LinearLayout  
   android:layout\_width="wrap\_content"  
   android:layout\_height="wrap\_content"  
   android:orientation="horizontal"  
   android:id="@+id/linearLayout2"  
   android:layout\_marginTop="16dp"  
   android:layout\_alignParentTop="true"  
   android:layout\_centerHorizontal="true"**>  
    
   <**TextView  
   android:id="@+id/textView"  
   android:layout\_width="wrap\_content"  
   android:layout\_height="wrap\_content"  
   android:layout\_alignLeft="@+id/textView2"  
   android:layout\_alignParentTop="true"  
   android:layout\_alignStart="@+id/textView2"  
   android:padding="16dp"  
   android:text="QUANTITY="  
   android:textColor="@android:color/black"  
   android:textSize="15sp"**/>  
    
    
   <**Button  
   android:id="@+id/button2"  
   android:layout\_width="66dp"  
   android:layout\_height="wrap\_content"  
   android:layout\_alignLeft="@+id/price\_text\_view"  
   android:layout\_alignStart="@+id/price\_text\_view"  
   android:layout\_below="@+id/linearLayout2"  
   android:onClick="decrement"  
   android:padding="8dp"  
   android:text="-"  
   android:textSize="15sp"**/>  
    
   <**TextView  
   android:id="@+id/quantity\_text\_view"  
   android:layout\_width="wrap\_content"  
   android:layout\_height="wrap\_content"  
   android:layout\_alignBaseline="@+id/button2"  
   android:layout\_alignBottom="@+id/button2"  
   android:layout\_toEndOf="@+id/button2"  
   android:layout\_toRightOf="@+id/button2"  
   android:padding="16dp"  
   android:text="0"  
   android:textColor="@android:color/black"  
   android:textSize="20sp"**/>  
    
   <**Button  
   android:id="@+id/button1"  
   android:layout\_width="62dp"  
   android:layout\_height="wrap\_content"  
   android:layout\_alignBaseline="@+id/quantity\_text\_view"  
   android:layout\_alignBottom="@+id/quantity\_text\_view"  
   android:layout\_toEndOf="@+id/quantity\_text\_view"  
   android:layout\_toRightOf="@+id/quantity\_text\_view"  
   android:onClick="increment"  
   android:padding="8dp"  
   android:text="+"  
   android:textSize="20sp"**/>  
    
   </**LinearLayout**>  
    
   <**LinearLayout  
   android:layout\_width="wrap\_content"  
   android:layout\_height="wrap\_content"  
   android:layout\_below="@+id/linearLayout2"  
   android:layout\_marginLeft="0dp"  
   android:layout\_marginStart="0dp"  
   android:orientation="vertical"  
   android:weightSum="1"**>  
    
   <**LinearLayout  
   android:layout\_width="wrap\_content"  
   android:layout\_height="wrap\_content"  
   android:layout\_alignParentLeft="true"  
   android:layout\_alignParentStart="true"  
   android:layout\_below="@+id/linearLayout2"  
    
   android:layout\_weight="0.21"  
   android:orientation="horizontal"  
   android:weightSum="1"**>  
    
   <**TextView  
   android:id="@+id/textView2"  
   android:layout\_width="match\_parent"  
   android:layout\_height="wrap\_content"  
   android:layout\_alignLeft="@+id/price\_text\_view"  
   android:layout\_alignStart="@+id/price\_text\_view"  
   android:layout\_below="@+id/linearLayout2"  
   android:layout\_marginTop="13dp"  
   android:padding="16dp"  
   android:text="PRICE="  
   android:textColor="@android:color/black"  
   android:textSize="15sp"**/>  
    
   <**TextView  
   android:id="@+id/price\_text\_view"  
   android:layout\_width="97dp"  
   android:layout\_height="wrap\_content"  
   android:layout\_marginLeft="32dp"  
   android:layout\_marginTop="13dp"  
   android:padding="16dp"  
   android:text="$0"  
   android:textColor="@android:color/black"  
   android:textSize="15sp"**/>  
    
   </**LinearLayout**>  
    
   <**Button  
   android:id="@+id/button3"  
   android:layout\_width="wrap\_content"  
   android:layout\_height="wrap\_content"  
   android:layout\_alignLeft="@+id/price\_text\_view"  
   android:layout\_alignStart="@+id/price\_text\_view"  
   android:layout\_below="@+id/price\_text\_view"  
   android:onClick="submitOrder"  
   android:padding="16dp"  
   android:text="ORDER"  
   android:textSize="15sp"**/>  
    
    
   <**Button  
   android:id="@+id/reset\_text\_view"  
   android:layout\_width="74dp"  
   android:layout\_height="wrap\_content"  
   android:onClick="reset"  
   android:text="RESET"**/>  
    
   </**LinearLayout**>  
   </**LinearLayout**>  
  </**RelativeLayout**>
* MAINAVTIVTY.JAVA
* **package** com.example.android.counterjava;  
    
  **import** android.os.Bundle;  
  **import** android.support.v7.app.ActionBarActivity;  
  **import** android.view.View;  
  **import** android.widget.TextView;  
    
  **import** java.text.NumberFormat;  
    
  */\*\*  
   \* This app displays an order form to order coffee.  
   \*/***public class** MainActivity **extends** ActionBarActivity {  
    
   **int quantity** = 0;  
   **int price** = 0;  
    
    
   @Override  
   **protected void** onCreate(Bundle savedInstanceState) {  
   **super**.onCreate(savedInstanceState);  
   setContentView(R.layout.***activity\_main***);  
   }  
    
   */\*\*  
   \* This method is called when the plus button is clicked.  
   \*/* **public void** increment(View view) {  
   **quantity** = **quantity** + 1;  
   displayQuantity(**quantity**);  
   displayPrice(0);  
   }  
    
    
   */\*\*  
   \* This method is called when the minus button is clicked.  
   \*/* **public void** decrement(View view) {  
   **quantity** = **quantity** - 1;  
   displayQuantity(**quantity**);  
   }  
    
   */\*\*  
   \* This method is called when the order button is clicked.  
   \*/* **public void** submitOrder(View view) {  
   **int** price = **quantity** \* 5;  
   String priceMessage = **"Thank you"**;  
   priceMessage = (priceMessage);  
   displayMessage(priceMessage);  
   displayPrice(price);  
   }  
   */\*\*  
   \* This method is called when the reset button is clicked.  
   \*/* **public void** reset(View view) {  
   **quantity** =0;  
   displayQuantity(**quantity**);  
   **price** = 0;  
   displayPrice(0);  
    
   }  
    
   */\*\*  
   \* This method displays the given quantity value on the screen.  
   \*/* **private void** displayQuantity(**int** number) {  
   TextView quantityTextView = (TextView) findViewById(  
   R.id.***quantity\_text\_view***);  
   quantityTextView.setText(**""** + number);  
   }  
    
   */\*\*  
   \* This method displays the given price value on the screen.  
   \*/* **private void** displayPrice(**int** number) {  
   TextView priceTextView = (TextView) findViewById(  
   R.id.***price\_text\_view***);  
   priceTextView.setText(NumberFormat.*getCurrencyInstance*().format(number));  
   }  
    
   **private void** displayMessage(String message) {  
   TextView priceTextView = (TextView) findViewById(  
   R.id.***price\_text\_view***);  
   priceTextView.setText(message);  
   }  
    
   */\*\*  
   \* This method displays the given quantity value on the screen.  
   \*/* **private void** displayReset(**int** number) {  
   TextView quantityTextView = (TextView) findViewById(  
   R.id.***reset\_text\_view***);  
   quantityTextView.setText(0);  
    
   TextView priceTextView = (TextView) findViewById(  
   R.id.***price\_text\_view***);  
   priceTextView.setText(0);  
   }  
    
  }