<LinearLayout  
 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:gravity="center">  
  
 <TextView  
 android:id="@+id/txt\_count"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:textSize="30dp"  
 android:text="Counter" />  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Start"  
 android:layout\_gravity="center"  
 android:id="@+id/btn\_start"/>  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Stop"  
 android:layout\_gravity="center"  
 android:id="@+id/btn\_stop"/>  
</LinearLayout>

package com.example.counter;  
  
import android.annotation.SuppressLint;  
import android.os.Bundle;  
import android.os.Handler;  
import android.os.Message;  
import android.app.Activity;  
import android.view.Menu;  
import android.view.View;  
import android.view.View.OnClickListener;  
import android.widget.Button;  
import android.widget.TextView;  
public class MainActivity extends Activity implements OnClickListener, Runnable {  
 int i=0;  
 TextView txtcount;  
 Button btnstart,btnstop;  
 Thread thread;  
 boolean running=false;  
 @SuppressLint("MissingInflatedId")  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 btnstart=(Button)findViewById(R.id.*btn\_start*);  
 btnstop=(Button)findViewById(R.id.*btn\_stop*);  
 btnstart.setOnClickListener(this);  
 btnstop.setOnClickListener(this);  
 txtcount=(TextView)findViewById(R.id.*txt\_count*);  
 }  
  
 @Override  
 public void onClick(View v) {  
*// TODO Auto-generated method* if(v.equals(btnstart))  
 {  
 running=true;  
 thread=new  
 Thread(this);  
 thread.start();  
 }  
 else if(v.equals(btnstop))  
 { *//thread.interrupt();* running=false;  
 }  
 }  
 Handler hand;  
  
 {  
 hand = new Handler() {  
 public void handleMessage(Message m) {  
 txtcount.setText("" + m.what);  
 }  
 };  
 }  
  
 @Override  
 public void run() {  
*// TODO Auto-generated method stub  
//int i=0;* while(i<100 && running)  
 {  
 try {  
 Thread.*sleep*(1000);  
 } catch (InterruptedException e) {  
*// TODO Auto-generated catch* System.*out*.println(e);  
 }  
 hand.sendEmptyMessage(i);  
 i++;  
 }  
 }  
}

