You are to create a countdown application that utilizes an AsyncTask to perform the countdown and update the UI thread.

Your application should do the following:

1. Use a user provided positive integer as the starting point for a counter.
2. Once started (via a button click), display a countdown using a TextView with a 1 second delay from the user provided starting point to zero.
3. Display a message upon completion using a Toast obect.

My solution

No error but the countdown does not appear on screen. Please try to fix it ?

Java file

**package** com.example.latifah.markhw;  
  
**import** android.os.AsyncTask;  
**import** android.os.Bundle;  
**import** android.support.design.widget.FloatingActionButton;  
**import** android.support.design.widget.Snackbar;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.support.v7.widget.Toolbar;  
**import** android.view.View;  
**import** android.view.Menu;  
**import** android.view.MenuItem;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**public class** MainActivity **extends** AppCompatActivity {  
 TextView **aTextview**;  
 Button **aButton**;  
 EditText **aEditText**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 Toolbar toolbar = (Toolbar) findViewById(R.id.***toolbar***);  
  
 *//new* **aEditText** = (EditText) findViewById(R.id.***editText1***);  
 **aTextview** = (TextView) findViewById(R.id.***textView1***);  
 **aButton** = (Button) findViewById(R.id.***button1***);  
  
 setSupportActionBar(toolbar);  
  
 FloatingActionButton fab = (FloatingActionButton) findViewById(R.id.***fab***);  
 **aButton**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 String nowtosleep=**aEditText**.getText().toString();  
 Toast.*makeText*(getApplicationContext(),**"button"**, Toast.***LENGTH\_SHORT***).show();  
 Under\_Thread background\_text= **new** Under\_Thread();  
  
 background\_text.execute(nowtosleep);  
  
 }  
 });  
  
 }  
**private class** Under\_Thread **extends** AsyncTask<String,String,String>  
  
 {  
 **private** String **request**;  
 @Override  
 **protected** String doInBackground(String... gettxt){  
 publishProgress(**"On progress"**);  
 **int** count =Integer.*parseInt*(Integer.*toString*(0));  
 **for** (**int** i = count; i > 0; i--) {  
 publishProgress(Integer.*toString*(i));  
 **try** {  
 Thread.*sleep*(100);  
 } **catch** (InterruptedException e)  
 {  
e.printStackTrace();  
 }  
  
 }  
  
 **request** = **"all done"**;  
 **return request**;  
 }}  
  
  
 **protected void** onPostExecute(String from\_is)  
  
 {  
 **aTextview**.setText(from\_is);  
 }  
 **protected void** onProgressUpdate(String ttt)  
  
{ **aTextview**.setText(ttt);  
  
  
}  
  
  
}

XML file

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout 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"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior"  
 tools:context="com.example.latifah.markhw.MainActivity"  
 tools:showIn="@layout/activity\_main"**>  
  
 <**TextView  
 android:id="@+id/textView1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:text="@string/empty"  
 android:textAppearance="?android:attr/textAppearanceLarge"  
 android:textColor="#A4C639"** />  
  
  
  
 <**EditText  
 android:id="@+id/editText1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="#CCCCCC"  
 android:ems="10"  
 android:inputType="number"  
 android:layout\_centerVertical="true"  
 android:layout\_centerHorizontal="true"**>  
  
  
 </**EditText**>  
  
 <**Button  
 android:id="@+id/button1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
  
 android:layout\_below="@+id/textView1"  
 android:layout\_marginTop="20dp"  
 android:background="#0099FF"  
 android:text="@string/sub"  
  
 android:textColor="#FFFFFF"** />  
  
</**RelativeLayout**>

String file

<**resources**>  
 <**string name="app\_name"**>markhw</**string**>  
  
 <**string name="action\_settings"**>Settings</**string**>  
  
  
  
 <**string name="empty"**>" "</**string**>  
 <**string name="sub"**>Submit</**string**>  
 <**string name="input\_lable"**>Enter your name:</**string**>  
  
  
 </**resources**>