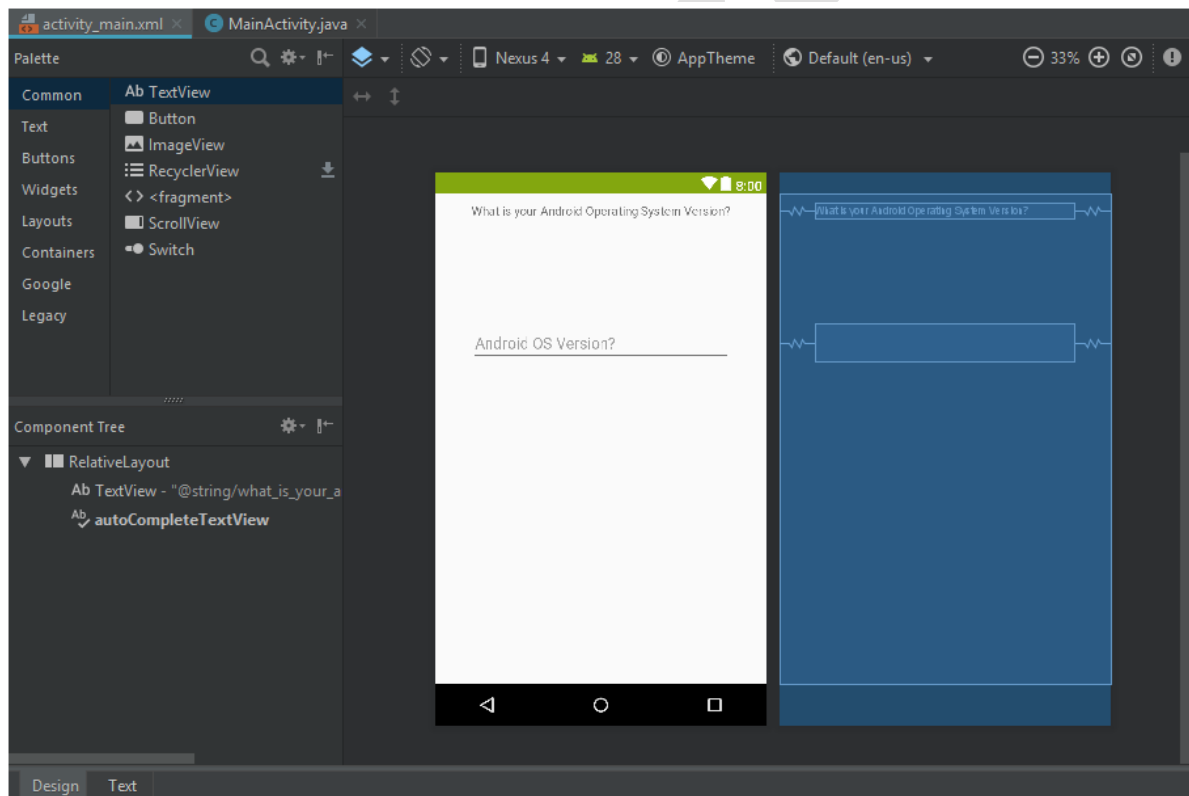




AUTO COMPLETE TEXT VIEW IN ANDROID STUDIO

activity_main.xml [Design]



activity_main.xml [Text]

```
<?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"
    tools:context=".MainActivity">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="10dp"
        android:text="@string/what_is_your_android_operating_system_version"
        app:layout_constraintVertical_bias="0.032" />

    <AutoCompleteTextView
        android:id="@+id/autoCompleteTextView"
        android:layout_width="300dp"
        android:layout_height="45dp"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="150dp"
        android:hint="@string/android_os_version"
        android:text=""
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
</RelativeLayout>
```

MainActivity.java

```
package robert.karamagi.autocompletetextview;

import android.graphics.Color;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.widget.ArrayAdapter;
import android.widget.AutoCompleteTextView;

public class MainActivity extends AppCompatActivity {
    String[] language = {"Apple Pie", "Banana Bread", "Cupcake", "Donut", "Eclair", "Froyo", "Gingerbread", "Honeycomb", "Ice Cream Sandwich", "Jelly Bean", "KitKat", "Lollipop", "Marshmallow", "Nougat", "Oreo", "Pie"};
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        //Creating the instance of ArrayAdapter containing list of language names
        ArrayAdapter<String> adapter = new ArrayAdapter<String>(this, android.R.layout.select_dialog_item, language);
        //Getting the instance of AutoCompleteTextView
        AutoCompleteTextView actv = (AutoCompleteTextView)findViewById(R.id.autoCompleteTextView);
        actv.setThreshold(1); //will start working from first character
        actv.setAdapter(adapter); //setting the adapter data into the AutoCompleteTextView
        actv.setTextColor(Color.RED);
    }
}
```

AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="robert.karamagi.autocompletetextView">

    <application
        android:allowBackup="true"
        android:icon="@drawable/robert"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">
        <activity android:name=".MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

</manifest>
```

strings.xml

```
<resources>
    <string name="app_name">Auto Complete Text View</string>
    <string name="what_is_your_android_operating_system_version">What is your
Android Operating System Version?</string>
    <string name="android_os_version">Android OS Version?</string>
</resources>
```

colors.xml

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<resources>
```

```
    <color name="colorPrimary">#a4c639</color>
```

```
    <color name="colorPrimaryDark">#83a70f</color>
```

```
    <color name="colorAccent">#FF4081</color>
```

```
</resources>
```

Robert Karamagi



Auto Complete Text View

What is your Android Operating System Version?

Android OS Version?





3G 57% 19:11

Auto Complete Text View

What is your Android Operating System Version?

Pi

Pie

1 2 3 4 5 6 7 8 9 0
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↑ z x c v b n m ✕

?123

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Auto Complete Text View

What is your Android Operating System Version?

Pie

