Kotlin Android – TextView – Basic Example
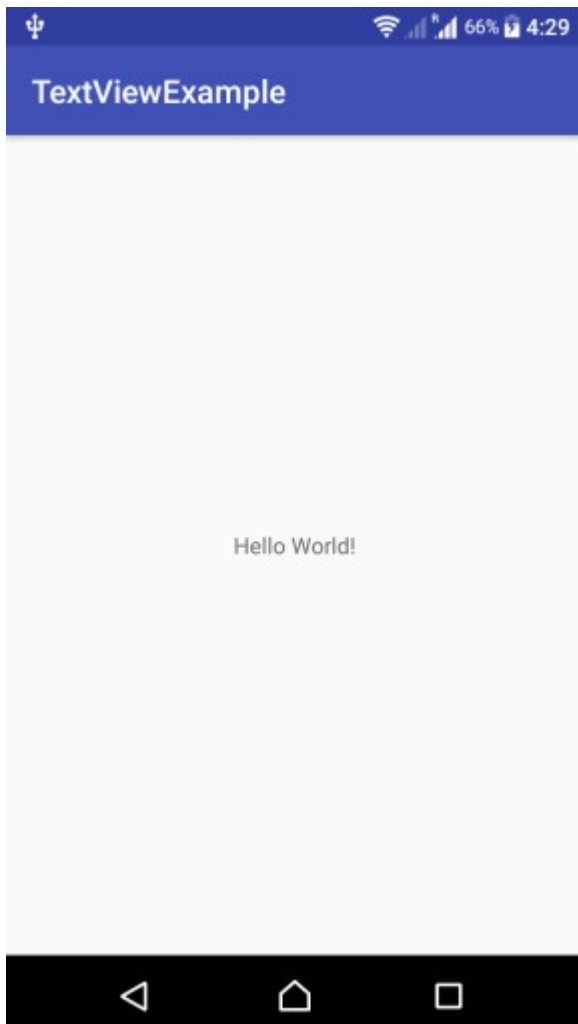
Android TextView is an user interface element that helps to display text in an activity.

In this tutorial, we will learn how to display TextView in a layout, and different properties of TextView.

Create an Android Application, named TextViewExample, with empty activity and just run the Android Application.

"Hello World!" being displayed at the center of the Activity is a TextView.

Example – Android TextView

Create an Android Application with Kotlin Support and find the code for activity_main.xml layout file and MainActivity.kt provided below.

Open activity_main.xml (layout for the MainActivity.kt) file and paste the following code.

activity_main.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
 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:text="Hello World!"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout
>
```

MainActivity.kt

```kotlin
package com.modcom.webviewexample

import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle


class MainActivity : AppCompatActivity() {

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)
    }
}
```

Android TextView Properties

TextView has many properties which determine how it is displayed in the Activity. In the above TextView, following properties are provided.

- layout_width : wrap_content – Width of TextView is wrapped to width of the content

- layout_height : wrap_content – Height of TextView is wrapped to height of the content

- text : "Hello World!" – is the text that should be displayed in the Activity for TextView