Android TextView – Bold Text

Android TextView – Bold Text

TextView Bold Text – To set text style of TextView to bold, you can assign **textStyle** attribute with “bold” in XML layout file or change the text style dynamically in Kotlin file using **setTypeface()** method.

In this tutorial, we will learn both the layout file approach and programmatical(dynamic) approach to change the text style of TextView to BOLD.

Change Text Style of TextView to BOLD in XML Layout File

textStyle attribute of TextView widget accepts on of these values: `"bold"`, `"italic"` or `"normal"`. To change the style to bold, you have to assign textStyle with `"bold"`.

The syntax to use textStyle attribute is

```
<TextView
    ...
    android:textStyle="bold" />
```

Example Android Application – Bold Text in TextView

Let us create an Android application with Kotlin support in Android Studio and change the text style of TextView in XML layout file.

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:id="@+id/linear_layout_id"
    android:orientation="vertical"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
    <TextView
        android:id="@+id/text_view_id"
        android:layout_height="wrap_content"
        android:layout_width="match_parent"
        android:gravity="center"
        android:textSize="40dp"
        android:padding="50dp"
        android:textStyle="bold"
        android:text="@string/hello" />
</LinearLayout>
```

We have used a string resource, and the contents of **strings.xml** is

```
<resources>
    <string name="app_name">TextView Tutorial - TutorialKart</string>
    <string name="hello">Hello World!</string>
</resources>
```

There is no need to change the MainActivity.kt file. The default code would do.

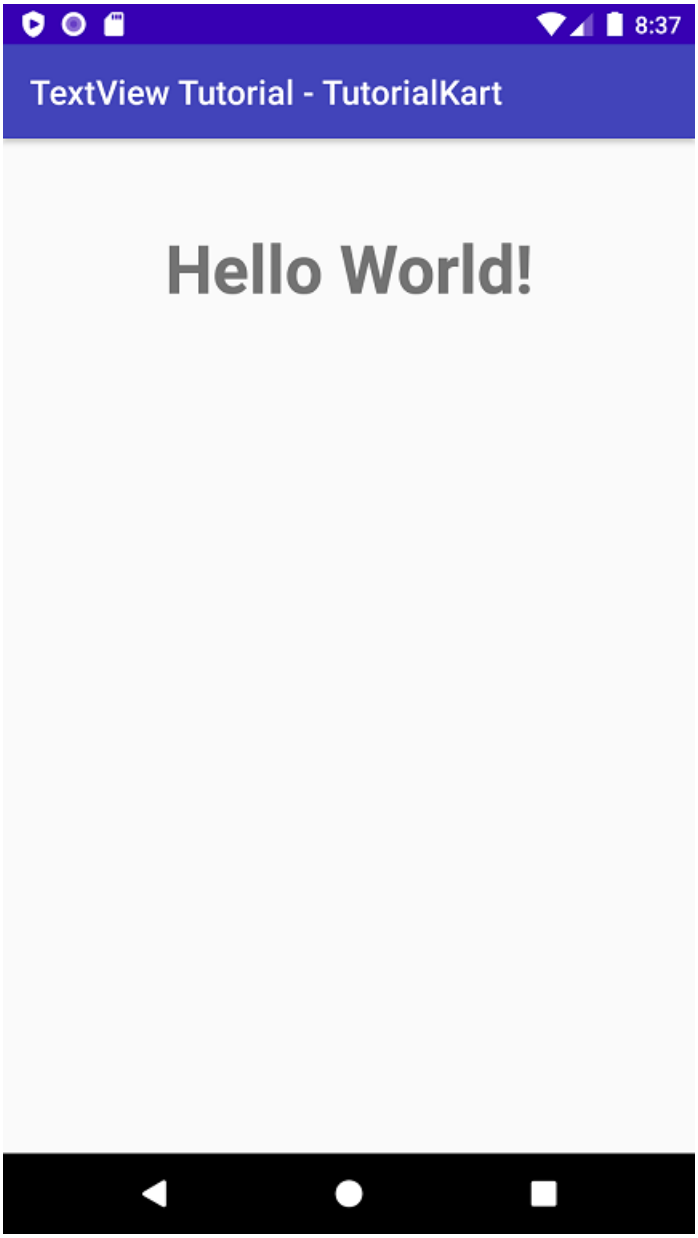
MainActivity.kt file

```
package com.tutorialkart.textviewtutorial

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)
    }
}
```

Run this application, and you would get the following screenshot.



Programmatically Change Text Style of TextView to Bold

We can get the reference to TextView widget present in layout file and change the text style dynamically with Kotlin code.

To set the text style of TextView widget, call setTypeface() method on the TextView widget reference and pass Typeface.BOLD as its second argument. You can pass null for the first argument.

The syntax to set text style using setTypeface() method is

```
var textView = findViewById<TextView>(R.id.text_view_id)
textView.setTypeface(null, Typeface.BOLD)
```

Let us create an Android application with Kotlin support in Android Studio and change the text style of TextView to bold, dynamically/programmatically in Kotlin file.

The layout file contains a TextView. Since we are about to change the text style in Kotlin file, textStyle is not specified in layout XML file.

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:id="@+id/linear_layout_id"
    android:orientation="vertical"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
    <TextView
        android:id="@+id/text_view_id"
        android:layout_height="wrap_content"
        android:layout_width="match_parent"
        android:gravity="center"
        android:textSize="40dp"
        android:padding="50dp"
        android:text="@string/hello" />
</LinearLayout>
```

We have used a string resource, and the contents of **strings.xml** is

```
<resources>
    <string name="app_name">TextView Tutorial - TutorialKart</string>
    <string name="hello">Hello World!</string>
</resources>
```

We have got the reference to the TextView in layout file using findViewById() method. Call to setTypeface() method on the TextView reference would set the text color of TextView.

MainActivity.kt

```
package com.tutorialkart.textviewtutorial

import android.graphics.Typeface
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.widget.TextView

class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        var textView = findViewById<TextView>(R.id.text_view_id)
        textView.setTypeface(null, Typeface.BOLD)
    }
}
```

Conclusion

In this Kotlin Android Tutorial, we learned how to set or change the text/font style of TextView widget to Bold in Android application.

- Kotlin Android Tutorial
- Create Android Application with Kotlin Support
- Walk Through Android Studio
- Convert Java Files to Kotlin Files
- Kotlin vs Java
- Use Java 8 in Android
- Add External Jar to Android Dependencies

Android TextView

- Android TextView
- Android TextView - Basic Example
- Android TextView - Create programmatically
- Android TextView - OnClickListener
- Android TextView - Justify Text
- Android TextView - Italic
- Android TextView - Bold

Android Button

- Android - New Button programmatically
- Android Button - OnClickListener
- Android Button - Disable All Caps
- Android Button - Custom Background
- Android Button - Change background programatically

Android Toast

- Android Toast - Example

Android EditText

- Android EditText - Create programmatically
- Android EditText - On Text Change - Listener
- Android TextInputLayout - Floating Label in EditText
- Android EditText - Keyboard with only Numbers
- Android EditText - Show/Hide Password

Android ImageView

- Android ImageView - OnClickListener

Android Radio Buttons

- Android RadioGroup - RadioButtons Create programmatically

Android SeekBar

- Android SeekBar - Example
- Android SeekBar Set Custom Range

Android Intent

- Android - Start Another Activity
- Android - Open URL in Browser Activity

Android AlertDialog

- Android AlertDialog - Example

Android WebView

- Android WebView - Example

Android ProgressBar

- Kotlin Android - Inderterminate ProgressBar

Android Snackbar

- Android Snackbar - Example
- Android Snackbar - Set Action
- Android Snackbar - Change Text Color, Background Color

Android ListView

- Android ListView Example
- Android Refresh ListView

Android Device Parameters

- Android Get Screen Width and Height Programatically

Android Canvas

- Draw Rect / Oval to Canvas
- Android Draw Circle Border
- Android Draw SVG to Canvas

Android Programming - Other

- Android - Access View Programmatically using findViewById
- Android runOnUiThread

Android Game Development

- Android Game Development
- Detect Collisions between two Sprites (Bitmaps)

Android Text To Speech

Android Text To Speech

- Android Text To Speech - Kotlin Example

Fix Errors

- Android - Minimum supported Gradle version
- Android - All support libraries must use the exact same version specification

Example Applications

- Android - Login Form
- Android - Color Picker
- Kotlin Android Game Development

Kotlin - Java

- Kotlin Tutorial

Useful Resources

- How to Learn Programming