EXP NO: 10

Custom Text Styler with Toast Notification in Android

AIM:

Develop an application to change the font and color of the text and display toast message when the user presses the button.

CODE:

MainActivity.kt

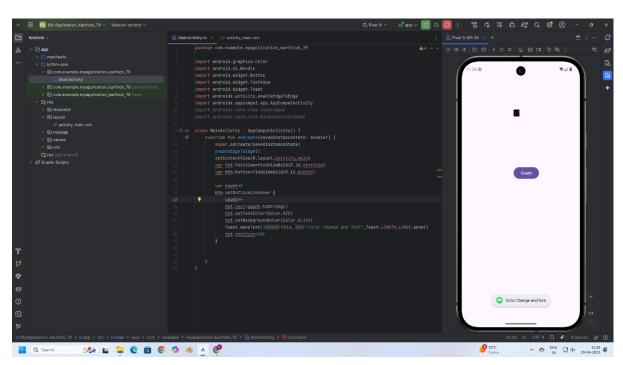
```
package com.example.myapplication karthick 79
import android.graphics.Color
import android.os.Bundle
import android.widget.Button
import android.widget.TextView
import android.widget.Toast
import androidx.activity.enableEdgeToEdge
import androidx.appcompat.app.AppCompatActivity
import androidx.core.view.ViewCompat
import androidx.core.view.WindowInsetsCompat
class MainActivity : AppCompatActivity() {
  override fun onCreate(savedInstanceState: Bundle?) {
    super.onCreate(savedInstanceState)
    enableEdgeToEdge()
    setContentView(R.layout.activity main)
    var txt:TextView=findViewById(R.id.textView)
    var btn:Button=findViewById(R.id.button)
    var count=0
    btn.setOnClickListener {
      count++
      txt.text=count.toString()
      txt.setTextColor(Color.RED)
      txt.setBackgroundColor(Color.BLACK)
      Toast.makeText(this, "Color Change and font", Toast.LENGTH LONG).show()
      txt.textSize=18f
activity main.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"
```

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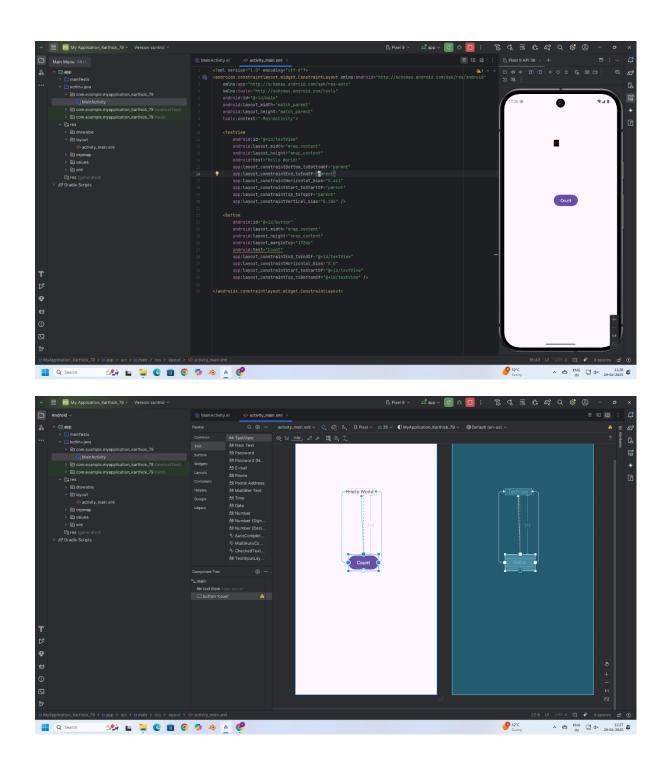
```
android:id="@+id/main"
android:layout width="match parent"
android:layout height="match parent"
tools:context=".MainActivity">
<TextView
  android:id="@+id/textView"
  android:layout width="wrap content"
  android:layout height="wrap content"
  android:text="Hello World!"
  app:layout constraintBottom toBottomOf="parent"
  app:layout constraintEnd toEndOf="parent"
  app:layout_constraintHorizontal_bias="0.461"
  app:layout constraintStart toStartOf="parent"
  app:layout_constraintTop_toTopOf="parent"
  app:layout constraintVertical bias="0.186" />
<Button
  android:id="@+id/button"
  android:layout width="wrap content"
  android:layout height="wrap content"
  android:layout marginTop="172dp"
  android:text="Count"
  app:layout_constraintEnd toEndOf="@+id/textView"
  app:layout_constraintHorizontal_bias="0.0"
  app:layout constraintStart toStartOf="@+id/textView"
  app:layout constraintTop toBottomOf="@+id/textView" />
```

</androidx.constraintlayout.widget.ConstraintLayout>

OUTPUT:



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RESULT:	
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