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

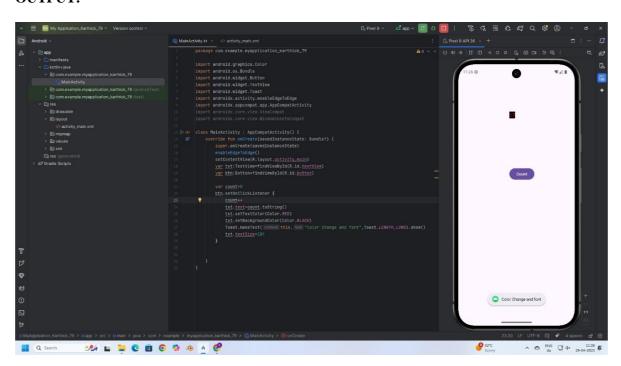
```
package com.example.myapplication_harish_50
import android.graphics.Color
import android.os.Bundle
import android.widget.Button
import android.widget.TextView
import android.widget.Toast
import androidx.activity.enableEdgeToEdge
import androidx.appcompat.app.AppCompatActivity
import androidx.core.view.ViewCompat
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"
```

231801050 Al23431

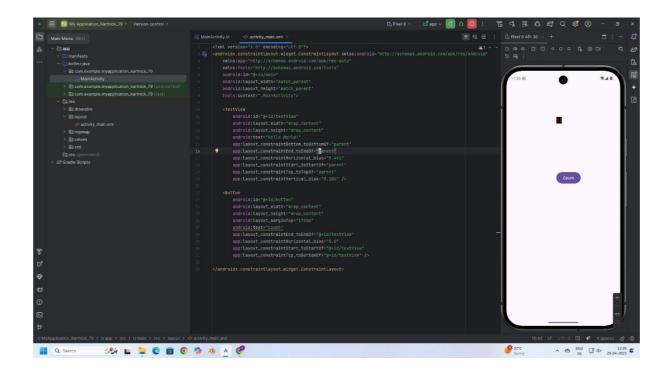
```
android:id="@+id/main"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".MainActivity">
<TextView
  android:id="@+id/textView"
  android:layout_width="wrap_content"
  android:layout_height="wrap_content"
  android:text="Hello World!"
  app:layout_constraintBottom_toBottomOf="parent"
  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:



231801050 Al23431



231801050 Al23431

RESULT:	RI	ESULT:	
Thus, text customization and user interaction were successfully implemented by changing			nging
font and color, and displaying a Toast message on button click in the application.	for	nt and color, and displaying a Toast message on button click in the application.	0 0
and any and any of the control of th	101	, as as as to go as a super-construction of the super-construction of	
231801050 Al23431	23.	1801050	AI23431