**EXP 10 FONT COLOUR CHANGER**

🎯 **AIM**

To develop an Android application that **changes the font and color of a TextView** and shows a **toast message** when the user clicks a button.

* **ALGORITHM**
  1. Start the app.
  2. Show a TextView with default text.
  3. Display a Button: Change Style.
  4. When the button is clicked:
     + Change the font style (bold/italic/custom).
     + Change the text color (to a vibrant color).
     + Show a Toast: "Style Changed!"
  5. End.

☎ **CODE**

# ✅ MainActivity.kt

kotlin CopyEdit

package com.example.textstyler

import android.graphics.Color import android.graphics.Typeface import android.os.Bundle

import android.widget.\*

import androidx.appcompat.app.AppCompatActivity class MainActivity : AppCompatActivity() {

lateinit var myText: TextView lateinit var styleButton: Button

override fun onCreate(savedInstanceState: Bundle?) { super.onCreate(savedInstanceState) setContentView(R.layout.activity\_main)

myText = findViewById(R.id.myText) styleButton = findViewById(R.id.styleButton)

styleButton.setOnClickListener {

pink

myText.setTextColor(Color.parseColor("#E91E63")) // Vibrant

myText.setTypeface(null, Typeface.BOLD\_ITALIC) myText.textSize = 24F

Toast.makeText(this, "Style Changed!",

Toast.LENGTH\_SHORT).show()

}

}

}

# 🎨 activity\_main.xml

xml CopyEdit

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

<LinearLayout

xmlns:android=["http://schemas.android.com/apk/res/android"](http://schemas.android.com/apk/res/android) android:orientation="vertical"

android:gravity="center" android:layout\_width="match\_parent" android:layout\_height="match\_parent" android:background="#FFF8E1" android:padding="24dp">

<TextView

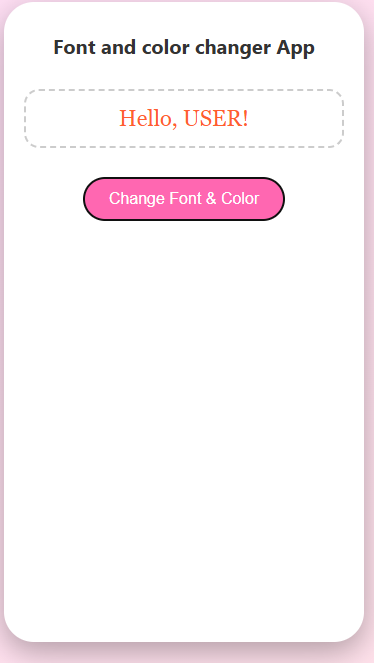
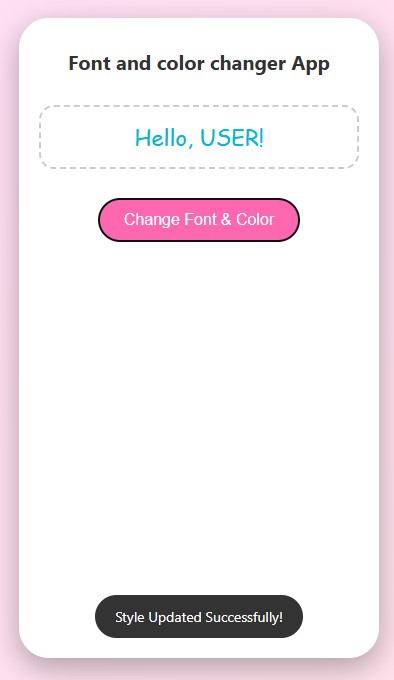
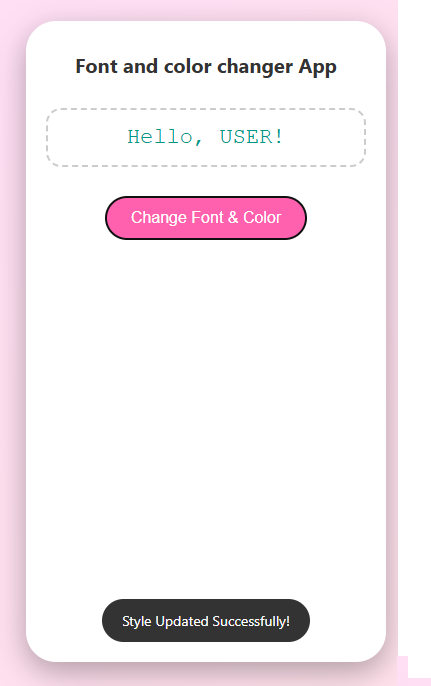
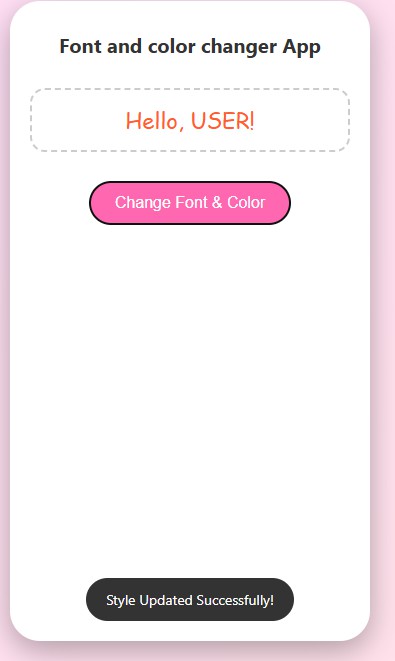
android:id="@+id/myText" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Welcome to My App!" android:textSize="20sp" android:textColor="#333" android:padding="16dp" />

<Button

android:id="@+id/styleButton" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Change Style" android:textColor="#fff" android:backgroundTint="#F48FB1" android:layout\_marginTop="20dp" android:padding="10dp"/>

</LinearLayout>

**OUTPUT:**

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✅ **RESULT**

* When the app runs, a TextView displays the message.
* Pressing the **Change Style** button:
  + Changes the **text color to pink**, makes it **bold italic**, and increases the size.