# 1.To chnage the text color Main activity1

package com.example.myapplication;

import androidx.appcompat.app.AppCompatActivity; import android.graphics.Color;

import android.os.Bundle; import android.view.View; import android.widget.Button; import android.widget.EditText;

public class MainActivity extends AppCompatActivity {

private EditText editTextFirstName, editTextLastName, editTextEmail; private Button buttonRed, buttonBlue, buttonGreen;

@Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main);

// Initialize EditText fields and buttons editTextFirstName = findViewById(R.id.editTextText2); editTextLastName = findViewById(R.id.editTextText3); editTextEmail = findViewById(R.id.editTextText4); buttonRed = findViewById(R.id.button);

buttonBlue = findViewById(R.id.button2); buttonGreen = findViewById(R.id.button3);

// Set onClickListeners for buttons buttonRed.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) { changeTextColors(Color.RED);

}

});

buttonBlue.setOnClickListener(new View.OnClickListener() { @Override

public void onClick(View v) { changeTextColors(Color.BLUE);

}

});

buttonGreen.setOnClickListener(new View.OnClickListener() { @Override

public void onClick(View v) { changeTextColors(Color.GREEN);

}

});

}

// Method to change text color of all EditText fields private void changeTextColors(int color) {

editTextFirstName.setTextColor(color); editTextLastName.setTextColor(color); editTextEmail.setTextColor(color);

}

}

# XMLCODDE1

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

<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="[http://schemas.android.com/apk/res/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:id="@+id/main" android:layout\_width="match\_parent" android:layout\_height="match\_parent" tools:context=".MainActivity">

<LinearLayout android:layout\_width="409dp" android:layout\_height="729dp" android:orientation="vertical" tools:layout\_editor\_absoluteX="1dp" tools:layout\_editor\_absoluteY="1dp">

<TextView android:id="@+id/textView3"

android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:text="FIRSTNAME" />

<EditText android:id="@+id/editTextText2" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:ems="10" android:inputType="text" />

<TextView android:id="@+id/textView4"

android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:text="LASTNAME" />

<EditText

android:id="@+id/editTextText3" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:ems="10" android:inputType="text" />

<TextView android:id="@+id/textView5"

android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:text="EMAIL" />

<EditText android:id="@+id/editTextText4" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:ems="10" android:inputType="text" />

<Button android:id="@+id/button"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="RED" />

<Button android:id="@+id/button2"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="BLUE" />

<Button android:id="@+id/button3"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="GREEN" />

</LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>