**EXP 4:**

**Develop android application to change font and color of a text**

**XML**

<LinearLayout 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"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:id="@+id/tv"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Hello !"  
 android:textColor="@color/black"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"/>  
 <Button  
 android:id="@+id/b1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Change Font Size"  
 android:textSize="24sp"/>  
 <Button  
 android:id="@+id/b2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Change Font Color"  
 android:textSize="24sp"/>  
  
  
</LinearLayout

**MainActivity.java**

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.TextView;  
  
public class MainActivity extends AppCompatActivity {  
 int ch=1;  
 float font=40;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState){  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 TextView t=findViewById(R.id.*tv*);  
 Button b1=findViewById(R.id.*b1*);  
 b1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 t.setTextSize(font);  
 font=font+5;  
 if (font==50) font=30;  
  
 }  
 });  
 Button b2=findViewById(R.id.*b2*);  
 b2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 switch (ch){  
 case 1:  
 t.setTextColor(Color.*RED*);  
 break;  
 case 2:  
 t.setTextColor(Color.*GREEN*);  
 break;  
 case 3:  
 t.setTextColor(Color.*BLUE*);  
 break;  
 case 4:  
 t.setTextColor(Color.*CYAN*);  
 break;  
 }  
 ch++;  
 if(ch==6) ch=1;  
 }  
 });  
  
 }}





