**PROGRAM 4**

ACTIVITYMAIN.XML

*<?*xml version="1.0" encoding="utf-8"*?>*<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:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:id="@+id/tv"  
 android:layout\_width="319dp"  
 android:layout\_height="wrap\_content"  
 android:text="SNGIST"  
 android:textColor="@android:color/black"  
 android:textSize="24sp"  
 android:textStyle="bold"/>  
 <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.myapplication4;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.graphics.Color;  
import android.graphics.fonts.Font;  
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.*YELLOW*);  
 break;  
 case 4:  
 t.setTextColor(Color.*BLUE*);  
 break;  
 case 5:  
 t.setTextColor(Color.*GRAY*);  
 break;  
  
 }  
 ch++;  
 if (ch==6) ch=1;  
  
 }  
 });  
 }  
}

OUTPUT

