**PROGRAM -4**

**Activity\_main**

*<?*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="119dp"  
 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**

package com.example.myapplication;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.graphics.Color;  
import android.os.Bundle;  
import android.view.View;  
import android.view.View.OnClickListener;  
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 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.*YELLOW*);  
 break;  
 case 5:  
 t.setTextColor(Color.*MAGENTA*);  
 break;  
  
  
 }  
 ch++;  
 if (ch == 6) ch = 1;  
  
  
 }  
 } );  
 }  
}



