**12/01/2021**

**AIM: Develop android application to change colour and font of a text.**

**PROGRAM**

**activity-main.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="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="SNGIST"  
 />  
  
  
 <Button  
 android:id="@+id/b1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="change font size"  
 />  
 <Button  
 android:id="@+id/b2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="change font color"  
 />  
  
</LinearLayout>

**MainActivity.java**

package com.example.myapplication004;  
  
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 {  
  
 private Button bt1;  
 private Button bt2;  
 private int n = 1;  
 private float font = 40;  
 private TextView tv1;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 bt1= findViewById(R.id.*b1*);  
 bt2= findViewById(R.id.*b2*);  
 tv1= findViewById(R.id.*tv*);  
 bt1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 tv1.setTextSize(font);  
 font= font +5;  
 if(font == 50) font=30;  
 }  
 });  
 bt2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 switch (n){  
 case 1:  
 tv1.setTextColor(Color.*RED*);  
 break;  
 case 2:  
 tv1.setTextColor(Color.*YELLOW*);  
 break;  
 case 3:  
 tv1.setTextColor(Color.*BLUE*);  
 break;  
 case 4:  
 tv1.setTextColor(Color.*CYAN*);  
 break;  
 case 5:  
 tv1.setTextColor(Color.*MAGENTA*);  
 break;  
  
  
 }  
 n=n+1;  
 if (n == 6) n=1;  
  
  
  
  
 }  
 });  
  
 }  
}

**OUTPUT**

