**program 4**

**Topic**:Create an android applcation to change the font color and size of the given text

**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"

android:textColor="@color/design\_default\_color\_error"

android:textSize="24sp"

android:textStyle="italic"/>

<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.myappp4;

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 tv=findViewById(R.id.tv);

Button b1=findViewById(R.id.b1);

b1.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

tv.setTextSize(font);

font=font+1;

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:

tv.setTextColor(Color.RED);

break;

case 2:

tv.setTextColor(Color.MAGENTA);

break;

case 3:

tv.setTextColor(Color.CYAN);

break;

case 4:

tv.setTextColor(Color.GREEN);

break;

case 5:

tv.setTextColor(Color.BLUE);

break;

}

ch++;

if(ch==6) ch=1;

}

});

}

}



