

**SAVEETHA SCHOOL OF ENGINEERING**

**SAVEETHA INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES**

**DEPARTMENT OF DATA SCIENCE**

**COURSE CODE : ITA0340**

**COURSE NAME : Mobile Computing with 6G.**

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**BRANCH                 :   CSE**

**Activity-1:**

activity\_main.xml

<?xml version=*"1.0"* encoding=*"utf-8"*?>

<LinearLayout

xmlns:android=*"http://schemas.android.com/apk/res/android"*

android:layout\_width=*"fill\_parent"*

android:layout\_height=*"fill\_parent"*

android:orientation=*"vertical"* >

<TextView

android:id=*"@+id/textView1"*

android:layout\_width=*"match\_parent"*

android:layout\_height=*"wrap\_content"*

android:layout\_margin=*"20sp"*

android:gravity=*"center"*

android:text=*"Android"*

android:textSize=*"20sp"*

android:textStyle=*"bold"* />

<Button

android:id=*"@+id/button1"*

android:layout\_width=*"match\_parent"*

android:layout\_height=*"wrap\_content"*

android:gravity=*"center"*

android:text=*"Font Size"*

android:textSize=*"20sp"* />

<Button

android:id=*"@+id/button2"*

android:layout\_width=*"match\_parent"*

android:layout\_height=*"wrap\_content"*

android:gravity=*"center"*

android:text=*"Font Color"*

android:textSize=*"20sp"* />

<Button

android:id=*"@+id/button3"*

android:layout\_width=*"match\_parent"*

android:layout\_height=*"wrap\_content"*

android:gravity=*"center"*

android:text=*"Font Style"*

android:textSize=*"20sp"* />

</LinearLayout>

Main Activity.java

**package** com.example.ex.no\_1;

**import** android.app.Activity;

**import** android.graphics.Color;

**import** android.graphics.Typeface;

**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** Activity {

**float** font = 20;

**int** count = 1;

Button b1,b2,b3;

@Override

**public** **void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

**final** TextView t1 = (TextView)

findViewById(R.id.textView1);

b1 = (Button) findViewById(R.id.button1);

b1.setOnClickListener(**new** View.OnClickListener() {

**public** **void** onClick(View view) {

t1.setText("FONT SIZE");

t1.setTextSize(font);

font = font + 5;

**if** (font == 50)

font = 20;

}

});

b2 = (Button) findViewById(R.id.button2);

b2.setOnClickListener(**new** View.OnClickListener() {

**public** **void** onClick(View view) {

t1.setText("FONT COLOR");

**switch** (count) {

**case** 1:t1.setTextColor(Color.parseColor("#7f00ff"));

**break**;

**case** 2:t1.setTextColor(Color.parseColor("#00FF00"));

**break**;

**case** 3:t1.setTextColor(Color.parseColor("#FF0000"));

**break**;

**case** 4:t1.setTextColor(Color.parseColor("#0000FF"));

**break**;

}

count++;

**if** (count == 5)

count = 1;

}

});

b3 = (Button) findViewById(R.id.button3);

b3.setOnClickListener(**new** OnClickListener() {

@Override

**public** **void** onClick(View view) {

t1.setText("FONT");

**switch** (count) {

**case** 1:

t1.setTypeface(Typeface.DEFAULT,

Typeface.ITALIC);

**break**;

**case** 2:

t1.setTypeface(Typeface.MONOSPACE,

Typeface.NORMAL);

**break**;

**case** 3:

t1.setTypeface(Typeface.SANS\_SERIF,

Typeface.BOLD);

**break**;

**case** 4:

t1.setTypeface(Typeface.SERIF,

Typeface.BOLD\_ITALIC);

**break**;

}

count++;

**if** (count == 5)

count = 1;

}

});

}

}

Out put

