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MOBILE APPLICATION DVELOPMENT LAB-1

XML CODE:

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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:id="@+id/r1"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center"
    android:orientation="vertical"
    tools:context=".MainActivity">

    <TextView
        android:layout_width="match_parent"
        android:layout_height="39dp"
        android:layout_alignParentTop="true"
        android:layout_alignParentBottom="true"
        android:layout_marginTop="72dp"
        android:layout_marginBottom="620dp"
        android:text="GUI Components with Fonts, colors"
        android:textAlignment="center"
        android:textColor="#207024"
        android:textSize="20sp" />

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="36dp"
        android:layout_alignParentStart="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentBottom="true"
        android:layout_marginStart="71dp"
        android:layout_marginEnd="79dp"
        android:layout_marginBottom="541dp"
        android:text="NIT JALANDHAR"
        android:textAlignment="center"
        android:textStyle="bold" />

    <Button
        android:id="@+id/btnsize"
        android:layout_width="194dp"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentEnd="true"
        android:layout_alignParentBottom="true"
        android:layout_marginStart="110dp"
        android:layout_marginEnd="107dp"
        android:layout_marginBottom="430dp"
        android:text="CHANGE FONT SIZE" />

    <Button
        android:id="@+id/btncolor"
        android:layout_width="wrap_content"
        android:layout_height="59dp"
        android:layout_alignParentStart="true"
```

```xml
        android:layout_alignParentEnd="true"
        android:layout_alignParentBottom="true"
        android:layout_marginStart="117dp"
        android:layout_marginEnd="100dp"
        android:layout_marginBottom="328dp"
        android:text="CHANGE FONT COLOR" />

</RelativeLayout>
```

JAVA CODE:

```java
package com.example.myapplication;

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 fsize=25;

    @Override
    protected void onCreate(Bundle savedInstanceState)
        {super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        final TextView t=(TextView) findViewById(R.id.textView);
        Button b1=(Button) findViewById(R.id.btnsize);
        b1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view)
                {t.setTextSize(fsize);
                fsize=fsize+5;
                if(fsize==50)
                    fsize=30;
            }
        });
        Button b2=(Button)findViewById(R.id.btncolor);
        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:
```

```java
                    t.setTextColor(Color.BLUE);
                    break;
                case 4:
                    t.setTextColor(Color.CYAN);
                    break;
                case 5:
                    t.setTextColor(Color.YELLOW);
                    break;
                case 6:
                    t.setTextColor(Color.MAGENTA);
                    break;
            }
            ch++;
            if(ch==7)
                ch=1;
        }
    });


    }
}
```