



Vishwakarma Institute of Technology
Department of Engineering Sciences and Humanities (DESH)

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Division: O

Batch: 2

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Subject: Mobile Application Development

Assignment 1

Problem Statement: Create a application to change textSize and Text color

Program Code:

Activity.xml:

MainActivity.java code:

```
package com.example.ass_1_krishna;

import androidx.appcompat.app.AppCompatActivity;

import android.graphics.Color;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    @Override
```

```
protected void onCreate(Bundle savedInstanceState) {  
    super.onCreate(savedInstanceState);  
    setContentView(R.layout.activity_main);  
  
    TextView textView;  
  
    Button button;  
  
    Button button1;  
  
    EditText editTextNumber;  
    textView=findViewById(R.id.textView);  
  
    button=findViewById(R.id.button);  
  
    button1=findViewById(R.id.button1);  
  
    editTextNumber=findViewById(R.id.editTextNumber);  
  
  
    button.setOnClickListener(new View.OnClickListener() {  
        @Override  
        public void onClick(View v) {  
            textView.setTextColor(Color.RED);  
  
            Toast.makeText(MainActivity.this, "color change succesfully",  
                Toast.LENGTH_SHORT).show();  
        }  
    });  
  
    button1.setOnClickListener(new View.OnClickListener() {  
        @Override  
        public void onClick(View v) {  
            String s=editTextNumber.getText().toString();  
  
            long a= Integer.parseInt(s);  
  
            textView.setTextSize(a);  
  
            Toast.makeText(MainActivity.this, "text size is changed",  
                Toast.LENGTH_SHORT).show(); }  
    });  
}
```

});

}}

ActivityMain.xml

```
XML code: <?xml version="1.0"
encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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:background="#95FE00"
tools:context=".MainActivity">

<Button
android:id="@+id/button"
android:layout_width="180dp"
android:layout_height="66dp"
android:text="change font colour"
android:textStyle="bold"

app:layout_constraintBottom_toBottomOf
="parent"
app:layout_constraintEnd_toEndOf="paren
t"
app:layout_constraintHorizontal_bias="0.4
97"
app:layout_constraintStart_toStartOf="par
ent"
app:layout_constraintTop_toTopOf="paren
t"
app:layout_constraintVertical_bias="0.736
" />

<TextView
android:id="@+id/textView"
android:layout_width="wrap_content"
```

```
android:layout_height="wrap_content"  
android:text="good morning"  
android:textColor="#5BA92B"  
android:textSize="34sp"
```

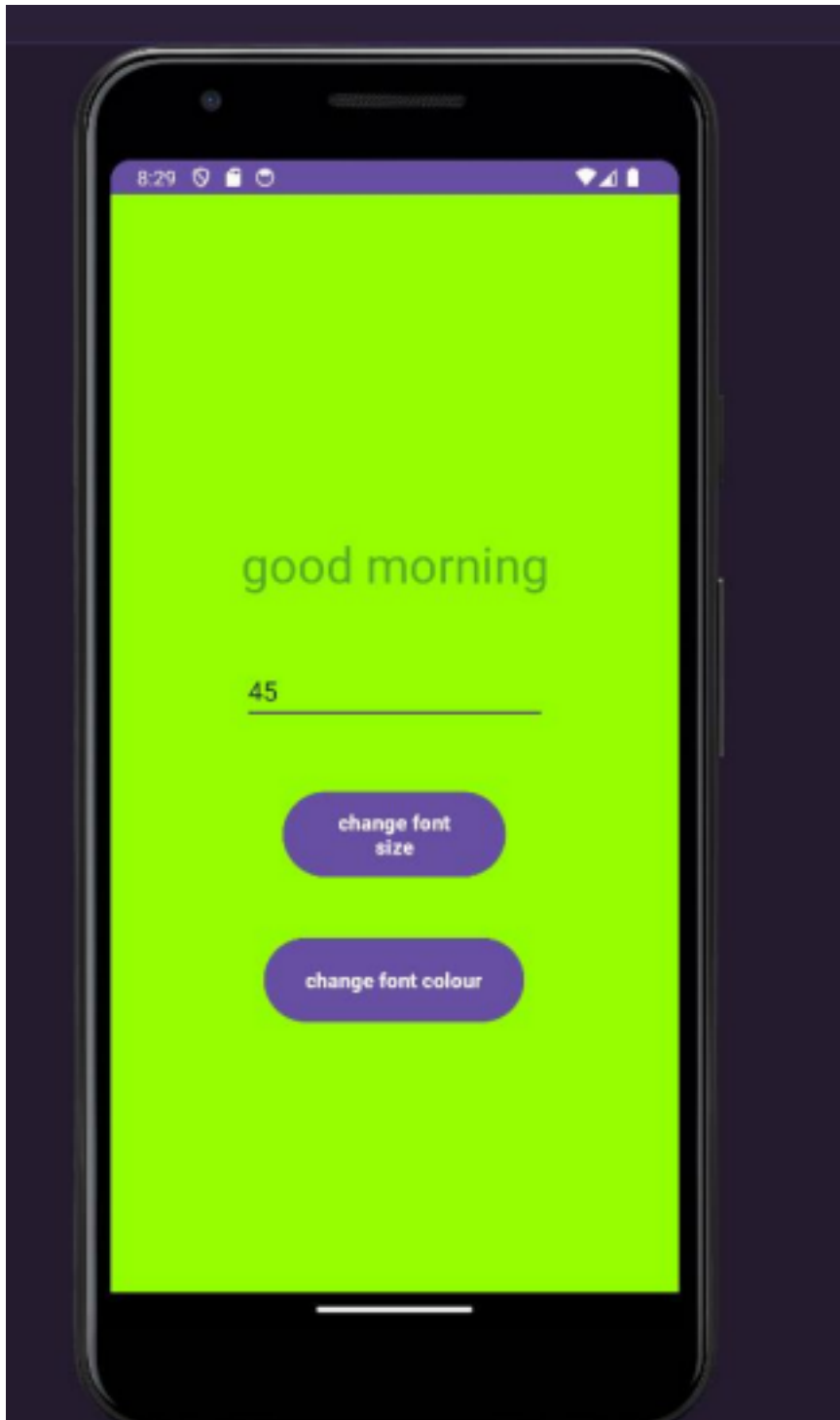
```
app:layout_constraintBottom_toTopOf="@+id/button"  
app:layout_constraintEnd_toEndOf="parent"  
app:layout_constraintStart_toStartOf="parent"  
t"  
app:layout_constraintTop_toTopOf="parent"  
/>
```

```
<Button  
android:id="@+id/button1"  
android:layout_width="154dp"  
android:layout_height="67dp"  
android:text="change font size"  
android:textStyle="bold"
```

```
app:layout_constraintBottom_toTopOf="@+id/button"  
app:layout_constraintEnd_toEndOf="parent"  
app:layout_constraintHorizontal_bias="0.498"  
app:layout_constraintStart_toStartOf="parent"  
app:layout_constraintTop_toBottomOf="@+id/textView"  
app:layout_constraintVertical_bias="0.794" />
```

```
<EditText  
android:id="@+id/editTextNumber"  
android:layout_width="wrap_content"  
android:layout_height="wrap_content"  
android:ems="10"  
android:hint="enter font size"  
android:inputType="number"  
app:layout_constraintBottom_toTopOf="@+id/button1"  
app:layout_constraintEnd_toEndOf="parent"  
app:layout_constraintStart_toStartOf="parent"  
app:layout_constraintTop_toBottomOf="@+id/textView" />  
</androidx.constraintlayout.widget.ConstraintLayout>
```

ScreenShot of app:





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