



MOBILE APPLICATION DEVELOPMENT

LAB TASK 02



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LAB 2

Lab Task(s):

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"    android:orientation="vertical">

    <TextView
        android:id="@+id/textview"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="30dp"
        android:gravity="center"
        android:text="Hello World"
        android:textSize="20sp"
        android:textStyle="bold" />

    <Button
        android:id="@+id/button1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"

        android:layout_margin="30dp"
        android:gravity="center"
        android:text="Change Font Size"
        android:textSize="25sp" />

    <Button
        android:id="@+id/button2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="30dp"
        android:gravity="center"
        android:text="Change Color"
        android:textSize="25sp" />
</LinearLayout>
```

```
package com.example.lab02; import
android.graphics.Color; import
android.os.Bundle; import
android.view.View; import
android.widget.Button; import
android.widget.TextView; import
androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets; import
androidx.core.view.ViewCompat; import
androidx.core.view.WindowInsetsCompat; public class
MainActivity extends AppCompatActivity {    int ch=1;
float font=10;    @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.button1);
```

```

        b1.setOnClickListener(new View.OnClickListener() {
            @Override          public
void onClick(View v) {
t.setTextSize(font);          font =
font + 5;          if(font == 50)
font = 30;
        }
    });
    Button b2 = (Button) findViewById(R.id.button2);
b2.setOnClickListener(new View.OnClickListener() {
    @Override          public
void onClick(View v) {
switch (ch)
    {
case 1:
            t.setTextColor(Color.RED);
            break;
case 2:
            t.setTextColor(Color.GREEN);
            break;
case 3:
            t.setTextColor(Color.BLUE);
            break;
    }
ch++;
if(ch==7)
ch =1;
    }
    });
    }
}

```

Output:

