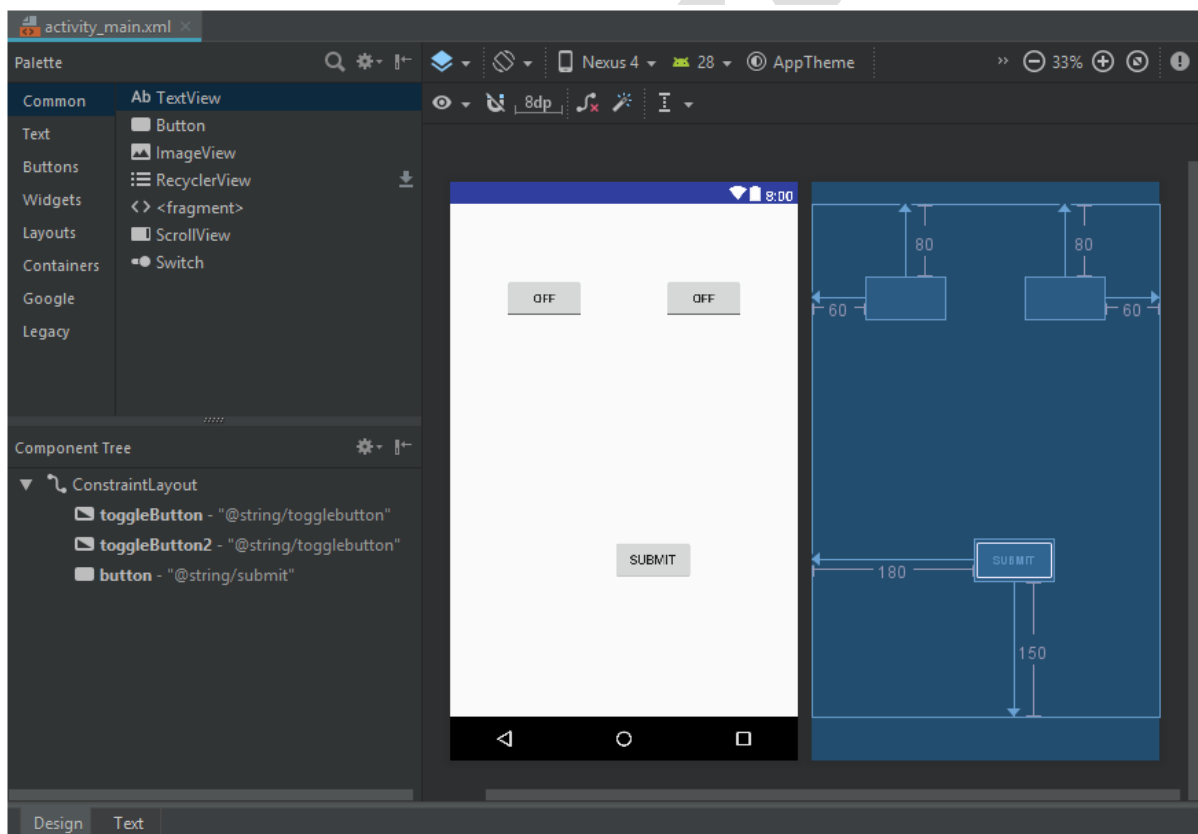




## TOGGLE BUTTON IN ANDROID STUDIO

activity\_main.xml [Design]



## activity\_main.xml [Text]

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.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"
tools:context=".MainActivity">

<ToggleButton
    android:id="@+id/toggleButton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="60dp"
    android:layout_marginStart="60dp"
    android:layout_marginTop="80dp"
    android:text="@string/togglebutton"
    android:textOff="@string/off"
    android:textOn="@string/on"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />

<ToggleButton
    android:id="@+id/toggleButton2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginEnd="60dp"
    android:layout_marginRight="60dp"
    android:layout_marginTop="80dp"
    android:text="@string/togglebutton"
```

```
android:textOff="@string/off"
android:textOn="@string/on"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintTop_toTopOf="parent" />
```

<Button

```
android:id="@+id/button"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_centerHorizontal="true"
android:layout_centerVertical="true"
android:layout_marginBottom="150dp"
android:layout_marginLeft="180dp"
android:layout_marginStart="180dp"
android:text="@string/submit"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintStart_toStartOf="parent" />
```

</android.support.constraint.ConstraintLayout>

### MainActivity.java

```
package robert.karamagi.togglebutton;
```

```
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;
import android.widget.ToggleButton;
```

```
public class MainActivity extends AppCompatActivity {
    private ToggleButton toggleButton1, toggleButton2;
```

```

private Button buttonSubmit;

@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);

    addListenerOnButtonClick();
}

public void addListenerOnButtonClick(){
    //Getting the ToggleButton and Button instance from the layout xml file
    toggleButton1=(ToggleButton)findViewById(R.id.toggleButton);
    toggleButton2=(ToggleButton)findViewById(R.id.toggleButton2);
    buttonSubmit=(Button)findViewById(R.id.button);

    //Performing action on button click
    buttonSubmit.setOnClickListener(new View.OnClickListener(){

        @Override
        public void onClick(View view) {
            StringBuilder result = new StringBuilder();
            result.append("Toggle Button 1 : ").append(toggleButton1.getText());
            result.append("\nToggle Button 2 : ").append(toggleButton2.getText());
            //Displaying the message in toast
            Toast.makeText(getApplicationContext(),
result.toString(),Toast.LENGTH_LONG).show();
        }

    });
}
}

```

## AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="robert.karamagi.togglebutton">

    <application
        android:allowBackup="true"
        android:icon="@drawable/robert"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">
        <activity android:name=".MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

## strings.xml

```
<resources>
    <string name="app_name">Toggle Button</string>
    <string name="togglebutton">ToggleButton</string>
    <string name="off">Off</string>
    <string name="on">On</string>
    <string name="submit">Submit</string>
</resources>
```



## Toggle Button

OFF

OFF

SUBMIT



3G 100% 22:37

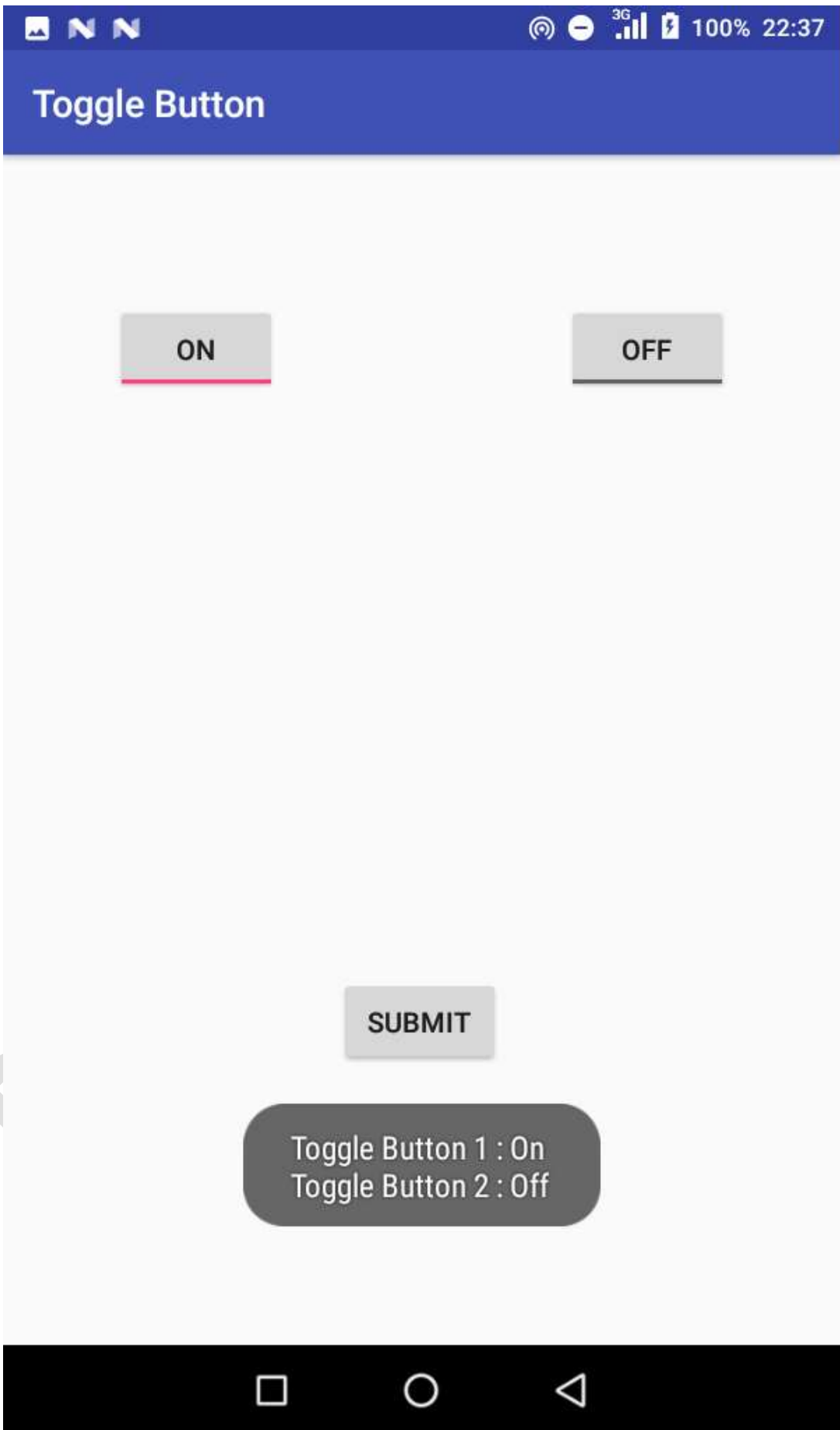
## Toggle Button

OFF

OFF

SUBMIT

Toggle Button 1 : Off  
Toggle Button 2 : Off





100% 22:37

## Toggle Button

OFF

ON

SUBMIT

Toggle Button 1 : Off  
Toggle Button 2 : On

## Toggle Button

ON

ON

SUBMIT

Toggle Button 1 : On  
Toggle Button 2 : On