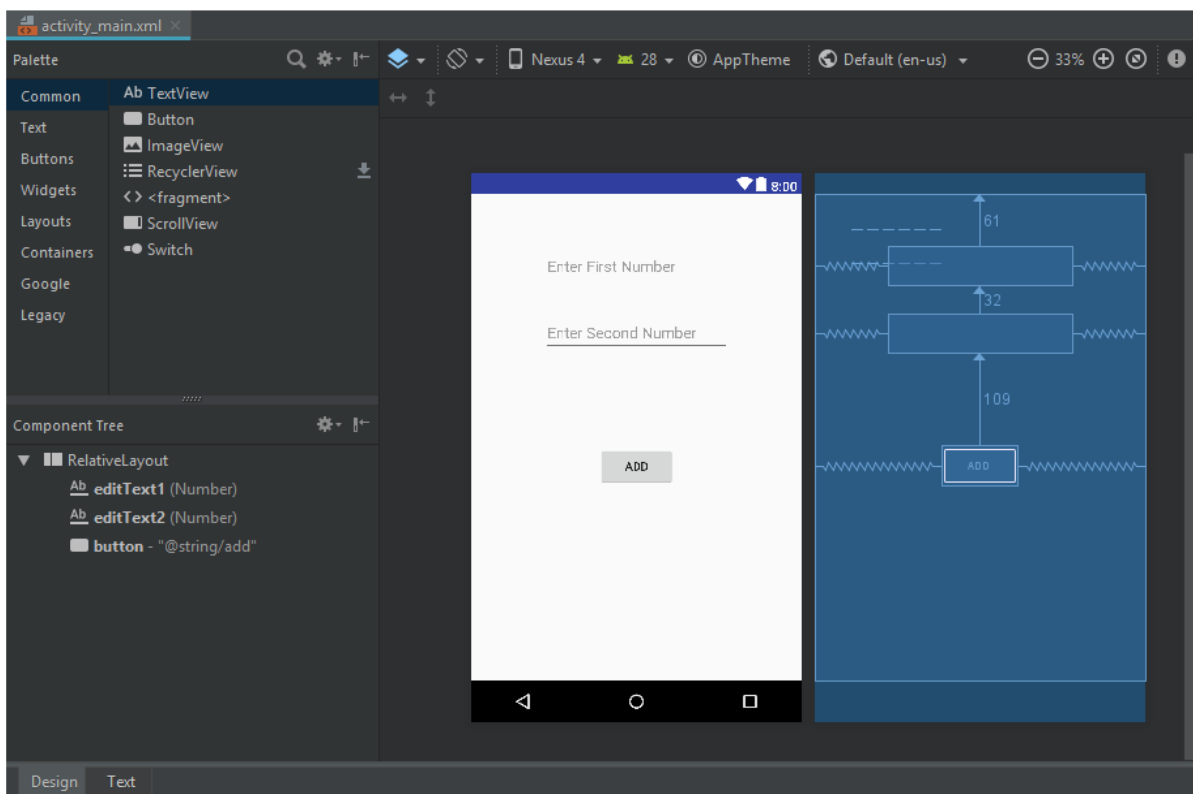




BUTTON IN ANDROID STUDIO

activity_main.xml [Design]



activity_main.xml [Text]

```
<?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:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".MainActivity">
```

```
<EditText
```

```
    android:id="@+id/editText1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentTop="true"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="61dp"
    android:ems="10"
    android:hint="@string/enter_first_number"
    android:inputType="number"
    tools:layout_editor_absoluteX="84dp"
    tools:layout_editor_absoluteY="53dp" />
```

```
<EditText
```

```
    android:id="@+id/editText2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@+id/editText1"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="32dp"
    android:ems="10"
    android:hint="@string/enter_second_number"
    android:inputType="number"
    tools:layout_editor_absoluteX="84dp"
    tools:layout_editor_absoluteY="127dp" />
```

```
<Button
```

```
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/editText2"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="109dp"
        android:text="@string/add"
        tools:layout_editor_absoluteX="148dp"
        tools:layout_editor_absoluteY="266dp" />
</RelativeLayout>
```

MainActivity.java

```
package robert.karamagi.button;

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

public class MainActivity extends AppCompatActivity {
    private EditText edittext1, edittext2;
    private Button buttonSum;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        addListenerOnButton();
    }
}
```

```

public void addListenerOnButton() {
    editText1 = (EditText) findViewById(R.id.editText1);
    editText2 = (EditText) findViewById(R.id.editText2);
    buttonSum = (Button) findViewById(R.id.button);

    buttonSum.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View view) {
            String value1=editText1.getText().toString();
            String value2=editText2.getText().toString();
            int a=Integer.parseInt(value1);
            int b=Integer.parseInt(value2);
            int sum=a+b;
            Toast.makeText(getApplicationContext(),String.valueOf(sum),
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.button">

    <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"
        android:label="Sum of Two Numbers">
        <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">Button</string>
    <string name="add">ADD</string>
    <string name="enter_first_number">Enter First Number</string>
    <string name="enter_second_number">Enter Second Number</string>
</resources>
```



3G 87% 14:13

Sum of Two Numbers

Enter First Number

Enter Second Number

ADD

Sum of Two Numbers

500

Enter Second Number

ADD

1

2

3

-

4

5

6

,

7

8

9

✕

.

0

—

>

Sum of Two Numbers

500

500

ADD

1000