MainActivity.java

**package** com.example.jevitha.firstapp;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.Toast;

**public class** MainActivity **extends** AppCompatActivity **implements** View.OnClickListener{

Button **b1**,**b2**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

*/\* --- Style 1 ---*

*Making MainActivity class implement View.OnClickListener interface and*

*its onClick method*

*\*/*

**b1** = findViewById(R.id.***button1***);

**b1**.setOnClickListener(**this**);

**b2** = findViewById(R.id.***button2***);

**b2**.setOnClickListener(**this**);

*/\* --- Style 2 ---*

*Using anonymous class. This \*does not\* require the*

*MainActivity class to implement the View.OnClickListener interface*

*Try commenting out the line b2.setOnClickListener(this);*

*and uncomment the code below.*

*\*/*

*/\**

*b2.setOnClickListener(new View.OnClickListener() {*

*@Override*

*public void onClick(View view) {*

*Toast.makeText(getApplicationContext(),"Button 2 - Toast 1", Toast.LENGTH\_LONG).show();*

*Toast.makeText(MainActivity.this,"Button 2 - Toast 2", Toast.LENGTH\_LONG).show();*

*}*

*});\*/*

}

@Override

**public void** onClick(View view) {

**if**(view.getId() == R.id.***button1***)

Toast.*makeText*(**this**,**"Button 1 Clicked"**, Toast.***LENGTH\_LONG***).show();

**else**

Toast.*makeText*(**this**,**"Button 2 Clicked"**, Toast.***LENGTH\_LONG***).show();

}

}

Activity\_main.xml

*<?***xml version="1.0" encoding="utf-8"***?>*

<**LinearLayout 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:orientation="vertical"**

**tools:context=".MainActivity"**>

<**Button**

**android:id="@+id/button2"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="Button"** />

<**Button**

**android:id="@+id/button1"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="Button"** />

</**LinearLayout**>