**PROGRAM 2 Date:5/1/2022**

**AIM:** Develop interactive Android application using button.

# PROGRAM CODE:

**activity.xml**

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

<LinearLayout xmlns:android=["http://schemas.android.com/](http://schemas.android.com/apk/res/android)a[pk/res/android"](http://schemas.android.com/apk/res/android) xmlns:app=["http://sc](http://schemas.android.com/apk/res-auto)h[emas.android.com/apk/res-auto"](http://schemas.android.com/apk/res-auto) xmlns:t[ools="ht](http://schemas.android.com/tools)tp:/[/sc](http://schemas.android.com/tools)he[mas.android.com/tools"](http://schemas.android.com/tools) android:orientation="horizontal"

android:layout\_width="match\_parent" android:layout\_height="match\_parent" tools:context=".MainActivity" android:gravity="center">

<Button

android:id="@+id/bt1" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="click here" />

<TextView android:id="@+id/tv1"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="0" android:textSize="25sp" />

</LinearLayout>

**mainactivity.java**

package com.example.myapplication;

import androidx.appcompat.app.AppCompatActivity; import android.app.\*;

import android.os.\*; import android.widget.\*; import android.os.Bundle; import android.view.\*;

import android.view.View.\*;

public class MainActivity extends AppCompatActivity { private Button bt1;

private TextView tv1; private int db;

@Override

public void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState); setContentView(R.layout.*activity\_main*); bt1=findViewById(R.id.*bt1*); tv1=findViewById(R.id.*tv1*); bt1.setOnClickListener(new View.OnClickListener(){

@Override

public void onClick(View view) { db++; tv1.setText(String.*valueOf*(db));

}

});

}

}

**RESULT:** Program compiled successfully and output verified.

**OUTPUT:**

