

Practical – 29 : Write a program to demonstrate Event Handling in Android.

MainActivity.java

```
package com.example.eventhandling;

import androidx.appcompat.app.AppCompatActivity;

import android.app.ProgressDialog;
import android.os.Bundle;
import android.view.Gravity;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {
    Button btn;
    TextView tView;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        btn = (Button) findViewById(R.id.btnClick);
        tView = (TextView) findViewById(R.id.txtResult);
        btn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                TextView txtView = (TextView) findViewById(R.id.textView);
                txtView.setText("You've Clicked \n The Event has taken
place");

                txtView.setTextSize(25);
                txtView.setGravity(Gravity.CENTER);
            }
        });
    }
}
```

activity_main.xml

```
<?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" >

    <Button
        android:id="@+id/btnClick"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="150dp"
        android:layout_marginTop="100dp"
        android:text="Click Event" />

    <TextView
        android:id="@+id/txtResult"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textColor="#009999"
        android:layout_marginLeft="150dp"
        android:textSize="20dp"
        android:textStyle="bold"
```

```

        android:layout_marginTop="12dp"/>
<TextView
    android:id="@+id/textView"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_below="@+id/button2"
    android:layout_centerHorizontal="true"
    android:gravity="center"
    android:text="See me!"
    android:textColor="#009999"
    android:textSize="25dp" />
</LinearLayout>

```

output :

