Department of
Bachelor of Computer Applications

<u>Android Operating System</u>
Lab File – CA 03

Subject Code: 19BCA4C03L
Class: IInd Year IInd Semester

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Question 01 :

Program to display input as toast and textview.

Code :

activity_main.xml

```xml
<?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/MyEditText"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:layout_centerHorizontal="true"
        android:background="#F2F2F2"
        android:hint="Enter Your Name"
        android:padding="15dp"
        android:textColorHint="#000"
        android:textStyle="bold|italic"
        android:layout_marginTop="100dp"/>

    <Button
        android:id="@+id/displayText"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerInParent="true"
        android:background="#000"
        android:padding="10dp"
        android:text="Display Text"
        android:textColor="#0f0"
        android:textStyle="bold"/>

    <TextView
        android:id="@+id/MyTextView"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/displayText"
        android:layout_marginTop="190dp"
        android:background="#F2F2F2"
        android:padding="15dp"
        android:textColorHint="#000"
        android:textStyle="bold|italic" />
</RelativeLayout>
```

```java
package com.example.myapplication03;

import androidx.appcompat.app.AppCompatActivity;
import android.widget.*;
import android.view.View;
import android.os.Bundle;

public class MainActivity extends AppCompatActivity {
    EditText E1;
    Button B1;
    TextView T1;


    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        E1 = (EditText)findViewById(R.id.MyEditText);
        B1 = (Button)findViewById(R.id.displayText);
        T1 = (TextView) findViewById(R.id.MyTextView);

        B1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                {
                    Toast.makeText(MainActivity.this,
E1.getText().toString(), Toast.LENGTH_LONG).show();
                    T1.setText(E1.getText());
                }
            }
        });
    }
}
```