

## Department of **Bachelor of Computer Applications**

# Android Operating System Lab File - CA 10

Subject Code: 19BCA4C03L Class: II<sup>nd</sup> Year II<sup>nd</sup> Semester

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### Question 01:

Program for Signup from creation.

android:id="@+id/editTextTextPersonName2"

android:layout\_width="wrap\_content"
android:layout\_height="wrap\_content"
android:layout\_marginTop="32dp"

android:inputType="textPersonName"

android:ems="10"

android:hint="Email"

#### Code:

```
activity_main.xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
    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"
    android:background="@drawable/bb"
    tools:layout editor absoluteY="-35dp"
    tools:layout editor absoluteX="-20dp">
        android:id="@+id/textView4"
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:text="Sign Up"
        android:textColor="@color/black"
        android:textSize="34sp"
        android:textStyle="bold"
        app:layout constraintBottom toBottomOf="parent"
        app:layout constraintEnd toEndOf="parent"
        app:layout constraintHorizontal bias="0.45"
        app:layout
                   constraintStart toStartOf="parent"
        app:layout constraintTop toTopOf="parent"
        app:layout constraintVertical bias="0.083"
        tools:ignore="MissingConstraints" />
        android:id="@+id/editTextTextPersonName"
        android:layout_width="wrap_content"
android:layout_height="wrap_content"
        android:ems="10"
        android:inputType="textPersonName"
        android:hint="Name"
        android:textColor="@color/design default color on secondary"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.238"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/textView4"
        app:layout constraintVertical bias="0.095"
        tools:ignore="MissingConstraints" />
```

```
app:layout constraintBottom toBottomOf="parent"
app:layout constraintEnd toEndOf="parent"
app:layout_
           constraintHorizontal bias="0.238"
app:layout_
           _constraintStart_toStartOf="parent"
           constraintTop toBottomOf="@+id/editTextTextPersonName"
app:layout_
app:layout constraintVertical bias="0.0"
tools:ignore="MissingConstraints" />
android:id="@+id/editTextTextPersonName3"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:ems="10"
android:inputType="textPersonName"
android:hint="Contact"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.238"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/editTextTextPersonName2"
app:layout constraintVertical bias="0.096"
tools:ignore="MissingConstraints" />
android:id="@+id/login"
android:layout_width="wrap_content"
android:layout_height="wrap content"
android:backgroundTint="@color/teal 200"
android:text="Register"
android:textColor="@color/black"
android:textStyle="bold"
app:layout_constraintBottom toBottomOf="parent"
app:layout_constraintEnd toEndOf="parent"
app:layout_constraintHorizontal_bias="0.435"
app:layout_constraintStart toStartOf="parent"
app:layout constraintTop toTopOf="parent"
app:layout constraintVertical bias="0.685"
tools:ignore="MissingConstraints" />
android:id="@+id/textView6"
android:layout width="wrap content"
android: layout height="wrap content"
android:text="Already have an account"
android:textColor="@color/black"
android:textSize="14sp"
app:layout constraintBottom toBottomOf="parent"
app:layout constraintEnd toEndOf="parent"
app:layout constraintHorizontal bias="0.406"
app:layout constraintStart toStartOf="parent"
app:layout constraintTop toTopOf="parent"
app:layout constraintVertical bias="0.584"
tools:ignore="MissingConstraints" />
```

</androidx.constraintlayout.widget.ConstraintLayout>

## MainActivity.java

```
package com.example.myapplication12;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Toast;
public class MainActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        View button = findViewById(R.id.login);
        button.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Toast.makeText (MainActivity.this, "Register
Successful", Toast.LENGTH_SHORT) .show();
        });
```

## Output:

