

Program no: 01

Aim: Program to develop the android mobile application which consist of GUI components for Login Page creation.

XML Code:

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

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:tools="http://schemas.android.com/tools" android:layout_width="match_parent"

    android:layout_height="match_parent"

    tools:context=".MainActivity"

    android:orientation="vertical">

    <TextView

        android:id="@+id/l1"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:ems="10" android:gravity="center"

        android:text="Login"

        android:textColor="#2196F3"

        android:textSize="50dp"

        tools:layout_editor_absoluteX="31dp"

        tools:layout_editor_absoluteY="39dp"

    </TextView>

    <EditText

        android:id="@+id/e1"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:ems="10"
```

```

        android:inputType="textPersonName"

        android:minHeight="48dp"

        android:text="Username" />
<EditText

        android:id="@+id/e2"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:ems="10"

        android:inputType="textPassword"

        android:minHeight="48dp"

        android:text="Password" />
<Button

        android:id="@+id/b1"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_gravity="right"

        android:text="Login" />
</LinearLayout>

```

Java Code:

```

package com.example.login;

import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.widget.Button; import
android.widget.EditText; import
android.widget.TextView;
public class MainActivity extends AppCompatActivity {
    private TextView l;

    private EditText e1;

```

```
private EditText e2;

private Button b1;

@Override

protected void onCreate(Bundle savedInstanceState) {

    super.onCreate(savedInstanceState);

    setContentView(R.layout.activity_main);

    b1=findViewById(R.id.b1); e1=findViewById(R.id.e1);

    e2=findViewById(R.id.e2);

}
```

Output:



