

Practical No.: 03

Aim: Design Login Form Using Toast in Android Studio.**Source Code:****a. activity_main.xml .****Code:**

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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">

<LinearLayout
    android:id="@+id/ll_main_layout"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center"
    android:background="#444444"
    android:padding="25dp"
    android:orientation="vertical">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="25dp"
        android:textColor="#6dffb7"
        android:padding="30dp"
        android:text="Login" />

    <EditText
        android:id="@+id/et_username"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="User Name"
        android:minHeight="48dp"
        android:textAlignment="center"
        android:textColor="#6bfff7" />

    <EditText
        android:id="@+id/et_password"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Password"
```

```
        android:inputType="textPassword"
        android:minHeight="48dp"
        android:textAlignment="center"
        android:textColor="#6bfff7"
        android:textColorHint="#52afaa" />

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:gravity="center"
    android:padding="25dp"
    android:orientation="horizontal">

    <Button
        android:id="@+id/btn_reset"
        android:text="Rest"
        android:textAllCaps="false"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content" />

    <Button
        android:id="@+id/btn_submit"
        android:text="Submit"
        android:textAllCaps="false"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content" />
</LinearLayout>

</LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>
```

Source Code:**b. MainActivity.kt .****Code:**

```
package com.example.loginpage

import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.view.View
import android.widget.Button
import android.widget.EditText
import android.widget.Toast

class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
```

```
setContentView(R.layout.activity_main)

var et_username=findViewById(R.id.et_username) as EditText
var et_password=findViewById(R.id.et_password) as EditText
var btn_reset=findViewById(R.id.btn_reset) as Button
var btn_submit=findViewById(R.id.btn_submit) as Button

btn_reset.setOnClickListener {

    et_username.setText("")
    et_password.setText("")
}
btn_submit.setOnClickListener {

    val username=et_username.text;
    val password=et_password.text;
    Toast.makeText(this@MainActivity, username, Toast.LENGTH_LONG).show()
}
}
```

Output: