**PROGRAM NO:2 DATE:19-08-2022**

**AIM:Design a login form with username and password using linear layout and toas valid creditionals**

***Program Code:***

***Activity.xml***

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity"  
 android:orientation="vertical">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="LOGIN"  
 android:layout\_marginTop="30dp"  
 />  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/et1"  
 android:hint="Enter username"  
  
 />  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/et2"  
 android:hint="Enter Password"  
 android:inputType="textPassword"  
 android:layout\_marginTop="10dp"  
 />  
  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/btn"  
 android:text="LOGIN"  
 android:layout\_marginTop="20dp"  
 android:layout\_marginStart="10dp"  
 android:layout\_marginEnd="10dp"  
 />

</LinearLayout>

**Mainactivity.java**

package com.example.myapplication;  
  
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;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 EditText et1=findViewById(R.id.*et1*);  
 EditText et2=findViewById(R.id.*et2*);  
 Button button=findViewById(R.id.*btn*);  
 button.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 validate(et1.getText().toString(),et2.getText().toString());  
  
 }  
 private void validate(String us,String p)  
 {  
 if (us.equals("Admin")&&p.equals("1234")) {  
 Toast.*makeText*(getApplicationContext(), "Login successfull", Toast.*LENGTH\_LONG*).show();  
 }  
 else  
 {  
 Toast.*makeText*(getApplicationContext(),"Unsuccessful",Toast.*LENGTH\_LONG*).show();  
  
 }  
 }  
 });  
  
 }  
}

**OUTPUT**

