**Practical no.-**27

**Title: Write a program to create and validate login form**

**Roll No.:**15 **Batch-** A **Date of Performance:** 14/03/2024

**activity\_main.xml**

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

<AbsoluteLayout 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">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="20dp"

android:layout\_y="200dp"

android:text="Username :-"

android:textSize="20dp"

android:textStyle="bold" />

<EditText

android:id="@+id/et1"

android:layout\_width="250dp"

android:layout\_height="wrap\_content"

android:layout\_x="130dp"

android:layout\_y="190dp"

android:hint="Type Username" />

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="20dp"

android:layout\_y="300dp"

android:text="Password :-"

android:textSize="20dp"

android:textStyle="bold" />

<EditText

android:id="@+id/et2"

android:layout\_width="250dp"

android:layout\_height="wrap\_content"

android:layout\_x="130dp"

android:layout\_y="290dp"

android:hint="Type Password"

android:inputType="textPassword" />

<Button

android:id="@+id/btn1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="44dp"

android:layout\_y="387dp"

android:background="#00E2FF"

android:text="SIGN IN" />

<Button

android:id="@+id/btn2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="196dp"

android:layout\_y="388dp"

android:background="#00E2FF"

android:text="CLEAR" />

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="58dp"

android:layout\_y="490dp"

android:text="Forgot Password? Sign up for Twitter"

android:textColor="#00E2FF"

android:textSize="15dp"

android:textStyle="bold|italic"

tools:ignore="TextSizeCheck" />

</AbsoluteLayout>

**activity\_loginpage.xml**

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

<AbsoluteLayout 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"

android:gravity="center"

tools:context=".loginpage">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="0dp"

android:layout\_y="300dp"

android:gravity="center"

android:text="Welcome.. Login Successful..."

android:textColor="#00E2FF"

android:textSize="25dp"

android:textStyle="bold" />

</AbsoluteLayout>

**MainActivity.java**

package com.example.pract\_27;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.\*;

public class MainActivity extends AppCompatActivity {

EditText et1, et2;

Button btn1, btn2;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

btn1 = (Button) findViewById(R.id.btn1);

btn2 = (Button) findViewById(R.id.btn2);

et1 = (EditText) findViewById(R.id.et1);

et2 = (EditText) findViewById(R.id.et2);

btn1.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

String uname = String.valueOf(et1.getText());

String upass = String.valueOf(et2.getText());

if (uname.length() == 0 || upass.length() == 0) {

Toast.makeText(MainActivity.this, "Plz Enter Credentials", Toast.LENGTH\_SHORT).show();

} else if (uname.equals("aditya502@gmail.com")) {

if (upass.equals("aadi2234")) {

Toast.makeText(MainActivity.this, "Login Successful..", Toast.LENGTH\_SHORT).show();

Intent intent=new Intent(MainActivity.this, loginpage.class);

startActivity(intent);

} else {

Toast.makeText(MainActivity.this, "Incorrect Password..", Toast.LENGTH\_SHORT).show();

}

} else {

Toast.makeText(MainActivity.this, "Incorrect Username..", Toast.LENGTH\_SHORT).show();

}

}

});

btn2.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

et1.setText("");

et2.setText("");

}

});

}

}

