**PROGRAM 8 Date:1/2/2022**

**AIM:** Write a program to design a Login and Registration form using LinearLayout.

# PROGRAM CODE:

**activity.xml**

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

<LinearLayout xmlns:android=["http://schemas.android.com/](http://schemas.android.com/apk/res/android)a[pk/res/android"](http://schemas.android.com/apk/res/android) android:layout\_width="match\_parent" android:layout\_height="match\_parent"

android:gravity="center">

<TextView android:text="Welcome"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>

</LinearLayout>

# Login.xml

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

<LinearLayout xmlns:android=["http://schemas.android.com/](http://schemas.android.com/apk/res/android)a[pk/res/android"](http://schemas.android.com/apk/res/android) xmlns:app=["http://sch](http://schemas.android.com/apk/res-auto)e[mas.android.com/apk/res-auto"](http://schemas.android.com/apk/res-auto) xmlns:t[ools="ht](http://schemas.android.com/tools)tp:/[/sc](http://schemas.android.com/tools)he[mas.android.com/tools"](http://schemas.android.com/tools) android:layout\_width="fill\_parent"

android:layout\_height="fill\_parent" tools:context=".MainActivity" android:orientation="vertical" android:gravity="center">

<TextView android:text="LOGIN PAGE"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:textStyle="bold" android:textSize="40dp"/>

<TextView android:text="Username"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>

<EditText android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>

<TextView android:text="Password"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>

<EditText android:inputType="textPassword" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>

<Button

android:text="Login" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:onClick="well"/>

<Button

android:text="Sign up" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:onClick="reg"/>

</LinearLayout>

# Registeration.xml

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

<LinearLayout xmlns:android=["http://schemas.android.com/](http://schemas.android.com/apk/res/android)a[pk/res/android"](http://schemas.android.com/apk/res/android) android:layout\_width="fill\_parent"

android:layout\_height="fill\_parent" android:orientation="vertical">

<TextView android:text="REGISTRATION" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>

<TextView android:text="Name"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>

<EditText android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>

<TextView android:text="DOB"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>

<CalendarView android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>

<TextView android:text="Gender"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>

<RadioGroup android:layout\_width="wrap\_content" android:layout\_height="wrap\_content">

<RadioButton android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Male"/>

<RadioButton android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Female"/>

</RadioGroup>

<Button

android:text="Register" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:onClick="log"/>

</LinearLayout>

# mainactivity.java

package com.example.myapplication;

import androidx.appcompat.app.AppCompatActivity; import android.os.Bundle;

import android.view.View;

public class MainActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState)

{

super.onCreate(savedInstanceState); setContentView(R.layout.*login*);

}

public void well(View v){ setContentView(R.layout.*activity\_main*);

}

public void reg(View v){ setContentView(R.layout.*registeration*);

}

public void log(View v){ setContentView(R.layout.*login*);

}

}

**RESULT:** Program compiled successfully and output verified.

**OUTPUT:**

