**ANDROID LAB**

**Experiment No.: 5**

**Aim**

**Create a Facebook page using RelativeLayout; set properties using .xml file.**

**Program**

**------------------------------------------------------------------- XML Code -------------------------------------------------------------------**

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

**<LinearLayout 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:orientation="vertical"**

**android:layout\_height="match\_parent"**

**android:id="@+id/mainlay"**

**tools:context=".FacebookLoginActivity">**

**<ImageView**

**android:layout\_width="match\_parent"**

**android:layout\_height="230dp"**

**android:src="@drawable/fb\_subbg"**

**android:scaleType="centerCrop"/>**

**<TextView**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="Nederlands . Polski . More ..."**

**android:textAlignment="center"**

**android:layout\_marginTop="5dp"**

**android:layout\_gravity="center"/>**

**<LinearLayout**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:paddingHorizontal="30dp"**

**android:layout\_marginTop="50dp"**

**android:orientation="vertical">**

**<EditText**

**android:id="@+id/fb\_id"**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:hint="Phone or email"**

**android:digits=""**

**android:inputType="text"/>**

**<EditText**

**android:id="@+id/fb\_pass"**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginTop="20dp"**

**android:hint="Password"**

**android:inputType="textPassword"/>**

**<Button**

**android:id="@+id/fb\_loginbtn"**

**android:layout\_width="match\_parent"**

**android:layout\_height="60dp"**

**android:text="Log In"**

**android:layout\_marginTop="20dp"**

**android:textAllCaps="false"**

**android:backgroundTint="#3F51B5"/>**

**<TextView**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="Forgot Password?"**

**android:textStyle="bold"**

**android:textColor="#3F51B5"**

**android:textSize="17sp"**

**android:textAlignment="center"**

**android:layout\_gravity="center"**

**android:layout\_marginTop="10dp"/>**

**<LinearLayout**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:orientation="horizontal"**

**android:layout\_gravity="center"**

**android:gravity="center"**

**android:layout\_marginTop="40dp"**

**android:weightSum="3">**

**<com.google.android.material.divider.MaterialDivider**

**android:layout\_width="0dp"**

**android:layout\_height="1dp"**

**android:layout\_weight="1.45"**

**android:background="#CCCCCC"/>**

**<TextView**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="OR"**

**android:textAlignment="center"**

**android:layout\_weight="0.2"/>**

**<com.google.android.material.divider.MaterialDivider**

**android:id="@+id/divider\_2"**

**android:layout\_width="0dp"**

**android:layout\_height="1dp"**

**android:layout\_weight="1.45"**

**android:background="#CCCCCC"/>**

**</LinearLayout>**

**<Button**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Create New facebook Account"**

**android:layout\_marginTop="20dp"**

**android:textAllCaps="false"**

**android:backgroundTint="#4CAF50"/>**

**</LinearLayout>**

**</LinearLayout>**

**------------------------------------------------------------------- Java Code -------------------------------------------------------------------**

**package com.example.loginformques01;**

**import androidx.appcompat.app.AppCompatActivity;**

**import android.os.Bundle;**

**public class FacebookLoginActivity extends AppCompatActivity {**

**@Override**

**protected void onCreate(Bundle savedInstanceState) {**

**super.onCreate(savedInstanceState);**

**setContentView(R.layout.activity\_facebook\_login);**

**}**

**}**