Program

Aim: Program to create a facebook page using relative layout set properties using.xml file

XML Code:

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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:background="@color/blue"
    tools:context=".MainActivity">
<TextView
    android:id="@+id/t1"
    android:layout_width="264dp"
    android:layout_height="40dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentTop="true"
    android:textColor="@color/white"
    android:layout_alignParentEnd="true"
    android:layout_marginTop="50dp"
    android:text="FACEBOOK"
    android:textAlignment="center"
    android:textSize="40dp" />
    <EditText
    android:id="@+id/ed1"
```

```xml
    android:layout_width="match_parent"

    android:layout_height="50dp"

    android:layout_below="@+id/t1"

    android:layout_alignParentStart="true"

    android:layout_alignParentEnd="true"

    android:layout_marginHorizontal="40dp"

    android:layout_marginTop="150dp"

    android:textColor="@color/white"

    android:textColorHint="@color/white"

    android:hint="Username"

    android:paddingStart="10px" />


<EditText

    android:id="@+id/ed2"

    android:layout_width="match_parent"

    android:layout_height="50dp"

    android:layout_below="@+id/ed1"

    android:layout_alignParentStart="true"

    android:layout_alignParentEnd="true"

    android:textColor="@color/white"

    android:textColorHint="@color/white"

    android:layout_marginHorizontal="40dp"

    android:layout_marginTop="50dp"

    android:hint="Password"

    android:paddingStart="10px" />

<Button

    android:id="@+id/btn1"
```

```xml
        android:layout_width="334dp"

        android:layout_height="50dp"

        android:layout_below="@+id/ed2"

        android:layout_marginTop="31dp"

        android:layout_alignParentStart="true"

        android:layout_alignParentEnd="true"

        android:background="@color/purple_700"

        android:layout_marginHorizontal="400px"

        android:text="SignIn"/>

    <Button

        android:id="@+id/btn2"

        android:layout_width="match_parent"

        android:layout_height="50dp"

        android:layout_below="@+id/btn1"

        android:layout_marginTop="100dp"

        android:background="@color/green"

        android:text="Dont have an account? Register here"

        android:layout_marginHorizontal="20dp"


        />

</RelativeLayout>
```

Java Code:

```java
package com.example.facebook;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class MainActivity extends AppCompatActivity {
```

```
    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);

    }

}
```

Output: