Program no: 8

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

XML Code:

```xml
<?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:layout_height="match_parent" android:background="@color/white"
    tools:context=".MainActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:background="#29487D"
        android:gravity="center|top"
        android:orientation="vertical">

    <LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="70dp"

    android:layout_marginBottom="100dp"
    android:orientation="vertical">

    <TextView

    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:fontFamily="@font/fb"
```

```xml
        android:text="facebook"

        android:textSize="36dp"

        android:padding="10dp"

        android:textColor="@color/white" />

</LinearLayout>

<LinearLayout

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:padding="15dp"

    android:orientation="vertical"

    android:layout_margin="20dp">

    <EditText

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:hint="Email or Phone"

    android:layout_marginBottom="30dp"

    android:textColorHint="#594F4F"

    android:background="@drawable/bg_box"/>

    <EditText

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_marginBottom="30dp"

    android:background="@drawable/bg_box"

    android:hint="password"

    android:textColorHint="#594F4F"/>

    <Button
    android:layout_width="match_parent"
```

```xml
        android:layout_height="wrap_content"

        android:text="Log In"

        android:background="@color/design_default_color_primary"

        android:textAllCaps="false"/>

    </LinearLayout>

    <LinearLayout

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:orientation="horizontal"

        android:layout_marginTop="180dp"

        android:layout_gravity="bottom"

        android:gravity="center">

        <TextView

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:gravity="end"

        android:textStyle="bold"

        android:textColor="@color/white"

        android:layout_marginRight="75dp"

        android:layout_weight="50"

        android:text="SignUp for Facebook"/>

        <TextView

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:gravity="end"

        android:textColor="@color/white"

        android:layout_marginEnd="50dp"
```

```xml
        android:layout_weight="1"

        android:textStyle="bold" android:text="?"/>

        android:gravity="end

        android:textStyle="bold"

        android:textColor="@color/white"

        android:layout_marginRight="75dp"

        android:layout_weight="50"

        android:text="SignUp for Facebook"/>

        <TextView

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:gravity="end"

        android:textColor="@color/white"

        android:layout_marginEnd="50dp"

        android:layout_weight="1"

        android:textStyle="bold" android:text="?"/>

    </LinearLayout>

    </LinearLayout>

  </LinearLayout>
```

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);
```

```java
setContentView(R.layout.activity_main);

getSupportActionBar().hide();
```

Output