

AIM:

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

XML FILE:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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">

    <Button
        android:id="@+id/b1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="LOGIN"
        app:backgroundTint="#1565C0"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.544"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.808" />

    <Button
        android:id="@+id/b2"
        android:layout_width="244dp"
        android:layout_height="40dp"
        android:text="Create New Account"
        app:backgroundTint="#00695C"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.622"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.921" />

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="167dp"
        android:layout_height="168dp"
        app:layout_constraintBottom_toBottomOf="parent"
```

```
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.0"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.559"
app:srcCompat="@drawable/d2" />
```

<ImageView

```
android:id="@+id/imageView2"
android:layout_width="213dp"
android:layout_height="198dp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.575"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.03"
app:srcCompat="@drawable/d4" />
```

<EditText

```
android:id="@+id/e1"
android:layout_width="171dp"
android:layout_height="51dp"
android:ems="10"
android:hint="textPersonName"
android:inputType="textPersonName"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.845"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
tools:text="Name" />
```

<EditText

```
android:id="@+id/e2"
android:layout_width="174dp"
android:layout_height="46dp"
android:ems="10"
android:hint="textPassword"
android:inputType="textPassword"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.856"
app:layout_constraintStart_toStartOf="parent"
```

```
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.637" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

JAVA FILE:

```
package com.example.facebook;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
import android.os.Bundle;
```

```
import android.widget.Button;
```

```
import android.widget.EditText;
```

```
import android.widget.ImageView;
```

```
import android.widget.Toast;
```

```
import android.view.View;
```

```
public class MainActivity extends AppCompatActivity {
```

```
    EditText e1, e2;
```

```
    Button b1, b2;
```

```
    ImageView i1, i2;
```

```
    @Override
```

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

```
        super.onCreate(savedInstanceState);
```

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

```
        e1 = (EditText) findViewById(R.id.e1);
```

```
        e2 = (EditText) findViewById(R.id.e2);
```

```
        i1 = (ImageView) findViewById(R.id.imageView);
```

```
        i2 = (ImageView) findViewById(R.id.imageView2);
```

```
        b1 = (Button) findViewById(R.id.b1);
```

```
        b2 = (Button) findViewById(R.id.b2);
```

```
        public void onClick(View v);
```

```
            Toast.makeText(MainActivity.this, "Successfully Login", Toast.LENGTH_SHORT).show();
```

```
        }
```

```
    }
```

OUTPUT:

