

## PROGRAM 7:

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

### CODE:

#### activity\_main.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
    <ImageView android:id="@+id/profilePicture"
        android:layout_width="100dp"
        android:layout_height="100dp"
        android:src="@drawable/f"
        android:layout_margin="16dp"
        android:contentDescription="TODO" />
    <Button
        android:id="@+id/loginButton"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/profilePicture"
        android:layout_margin="16dp"
        android:layout_marginEnd="16dp"
        android:layout_marginRight="16dp"
        android:text="Login" />
</RelativeLayout>
```

#### MainActivity.java

```
package com.example.recordseventh;
import android.os.Bundle;
import android.content.Intent;
import android.net.Uri;
import android.view.View;
import android.widget.Button;
import androidx.appcompat.app.AppCompatActivity;
public class MainActivity extends AppCompatActivity
{
    protected void onCreate(Bundle savedInstanceState)
    {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Button loginButton = findViewById(R.id.loginButton);
        loginButton.setOnClickListener(new View.OnClickListener() {

            public void onClick(View v)
            {
                openFacebook();
            }
        });
    }
    private void openFacebook() {
        String facebookUrl = "https://www.facebook.com"; // Or use the actual Facebook URL
        try {
```

```
        Intent intent = new Intent(Intent.ACTION_VIEW);
        intent.setData(Uri.parse("fb://facewebmodal/f?href=" + facebookUrl));
        startActivity(intent);
    }
    catch (Exception e)
    {
        Intent intent = new Intent(Intent.ACTION_VIEW);

        intent.setData(Uri.parse(facebookUrl)); startActivity(intent);
    }
}
```