PROGRAM 7:

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

CODE:

```
activity main.xml:
<?xml version="1.0" encoding="utf-8"?>
< Relative Layout xmlns: android="http://schemas.android.com/apk/res/android"
  android:layout width="match parent"
  android:layout_height="match_parent">
  <ImageView android:id="@+id/profilePicture"</pre>
    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);
}
```