PROGRAM:

AndroidManifest.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools">
    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.Login">
        <activity android:name=".MainActivity"
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
        <meta-data
            android:name="preloaded_fonts"
            android:resource="@array/preloaded_fonts" />
    </application>
</manifest>
```

Activity_main.xml

```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"
    android:id="@+id/textview"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:padding="16dp">
    <EditText
        android:id="@+id/username"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_marginStart="12dp"
        android:layout_marginTop="201dp"
        android:hint="Username"
        android:inputType="text" />
    <EditText
        android:id="@+id/password"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@id/username"
        android:layout_alignParentEnd="true"
        android:layout_marginTop="52dp"
        android:layout_marginEnd="7dp"
        android:hint="Password"
        android:inputType="textPassword" />
    <Button
        android:id="@+id/login_button"
```

```xml
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@id/password"
        android:layout_alignParentEnd="true"
        android:layout_marginTop="71dp"
        android:layout_marginEnd="9dp"
        android:backgroundTint="#4CAF50"
        android:text="Login"
        android:textColor="#0F0E0E"
        android:textSize="24sp" />
    <TextView
        android:id="@+id/textView"
        android:layout_width="188dp"
        android:layout_height="57dp"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_marginStart="111dp"
        android:layout_marginTop="73dp"
        android:background="#67EDED"
        android:fontFamily="sans-serif-medium"
        android:text="Login Page"
        android:textColor="#1B1818"
        android:textSize="34sp" />
</RelativeLayout>
```

MainActivity.java

```java
package com.example.login;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;
import androidx.appcompat.app.AppCompatActivity;
public class MainActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        EditText usernameEditText = findViewById(R.id.username);
        EditText passwordEditText = findViewById(R.id.password);
        Button loginButton = findViewById(R.id.login_button);
        loginButton.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String username = usernameEditText.getText().toString();
                String password = passwordEditText.getText().toString();
                if (!username.isEmpty() && !password.isEmpty()) {
                    if (username.equals("admin") && password.equals("password")) {
                        Toast.makeText(MainActivity.this, "Login Successful", Toast.LENGTH_SHORT).show();
                    } else {
                        Toast.makeText(MainActivity.this, "Invalid Credentials", Toast.LENGTH_SHORT).show();
                    } } else { Toast.makeText(MainActivity.this, "Please enter username and password",
Toast.LENGTH_SHORT).show();}}});}}
```

OUTPUT: