



AndroidManifest.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:dataExtractionRules="@xml/data_extraction_rules"
        android:fullBackupContent="@xml/backup_rules"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportRtl="true"
        android:theme="@style/Theme.LoginScreen"
        tools:targetApi="31">
        <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>
    </application>
</manifest>
```

Activity_main.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"
    xmlns:card_view="http://schemas.android.com/apk/res-auto"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:gravity="center"
    android:background="@drawable/loginbkg"
    tools:context=".MainActivity">
    <androidx.cardview.widget.CardView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="30dp"
        app:cardCornerRadius="30dp"
        app:cardElevation="20dp"
        android:background="@drawable/custom_edittext">
        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical"
            android:layout_gravity="center_horizontal"
            android:padding="24dp">
            <TextView
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:text="Login"
                android:id="@+id/loginText"
                android:textSize="36sp"
                android:textAlignment="center"
                android:textStyle="bold"
                android:textColor="@color/purple"/>
            <EditText
                android:layout_width="match_parent"
                android:layout_height="50dp"
                android:id="@+id/username"
                android:background="@drawable/custom_edittext"
                android:drawableLeft="@drawable/baseline_person_24"
                android:drawablePadding="8dp">
```

```

android:hint="Username"
android:padding="8dp"
android:textColor="@color/black"
android:textColorHighlight="@color/cardview_dark_background"
android:layout_marginTop="40dp"/>
<EditText android:layout_width="match_parent"
android:layout_height="50dp"
android:id="@+id/password"
android:background="@drawable/custom_edittext"
android:drawableLeft="@drawable/baseline_lock_24"
android:drawablePadding="8dp"
android:hint="Password"
android:padding="8dp"
android:inputType="textPassword"
android:textColor="@color/black"
android:textColorHighlight="@color/cardview_dark_background"
android:layout_marginTop="20dp"/>
<Button android:layout_width="match_parent"
android:layout_height="60dp"
android:id="@+id/loginButton"
android:text="Login"
android:textSize="18sp"
android:layout_marginTop="30dp"
android:backgroundTint="@color/purple"
app:cornerRadius="20dp"/>
</LinearLayout>
</androidx.cardview.widget.CardView>
<TextView android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:padding="8dp"
android:text="Not yet registered? SignUp Now"
android:textSize="14sp"
android:textAlignment="center"
android:id="@+id/signupText"
android:textColor="@color/purple"
android:layout_marginBottom="20dp"/>
</LinearLayout>

```

MainActivity.java

```

package com.example.loginscreen;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;
public class MainActivity extends AppCompatActivity {
    EditText username;
    EditText password;
    Button loginButton;
    @Override protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        username = findViewById(R.id.username);
        password = findViewById(R.id.password);
        loginButton = findViewById(R.id.loginButton);
        loginButton.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                if (username.getText().toString().equals("user") && password.getText().toString().equals("1234")) {
                    Toast.makeText(MainActivity.this, "Login Successful!", Toast.LENGTH_SHORT).show();
                } else {
                    Toast.makeText(MainActivity.this, "Login Failed!", Toast.LENGTH_SHORT).show();
                }
            }
        });
    }
}

```