

```
AndroidManifest.xml
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"</pre>
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:supportsRtl="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:drawablePadding="8dp"

android:background="@drawable/custom\_edittext" android:drawableLeft="@drawable/baseline\_person\_24"

```
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"</pre>
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();
Toast.makeText(MainActivity.this, "Login Failed!", Toast.LENGTH SHORT).show();
}}});
}}
```