MainActivity.java

package com.example.reg\_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 {

private EditText usernameEditText, passwordEditText;

private Button loginButton;

// Publicly accessible predefined username and password

public String CORRECT\_USERNAME = "sid";

public String CORRECT\_PASSWORD = "sid";

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

usernameEditText = findViewById(R.id.usernameEditText);

passwordEditText = findViewById(R.id.passwordEditText);

loginButton = findViewById(R.id.loginButton);

loginButton.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

String enteredUsername = usernameEditText.getText().toString();

String enteredPassword = passwordEditText.getText().toString();

if (enteredUsername.equals(CORRECT\_USERNAME) && enteredPassword.equals(CORRECT\_PASSWORD)) {

// Successful login

Toast.makeText(MainActivity.this, "Login successful", Toast.LENGTH\_SHORT).show();

// You can navigate to another activity or perform other actions here.

} else {

// Incorrect login

Toast.makeText(MainActivity.this, "Invalid username or password", Toast.LENGTH\_SHORT).show();

}

}

});

}

}

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">

<EditText

android:id="@+id/usernameEditText"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="Username"

android:layout\_marginTop="100dp" />

<EditText

android:id="@+id/passwordEditText"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="Password"

android:layout\_below="@id/usernameEditText" />

<Button

android:id="@+id/loginButton"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Login"

android:layout\_below="@id/passwordEditText"

android:layout\_marginTop="16dp" />

</RelativeLayout>



