<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:orientation="vertical"

android:padding="16dp"

android:gravity="center">

<TextView

android:id="@+id/tvName"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Name:"

android:textSize="18sp"

android:layout\_marginBottom="8dp"/>

<EditText

android:id="@+id/etName"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="Enter your Name"

android:textSize="18sp"

android:layout\_marginBottom="16dp"

android:padding="12dp"/>

<TextView

android:id="@+id/tvAge"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Age:"

android:textSize="18sp"

android:layout\_marginBottom="8dp"/>

<EditText

android:id="@+id/etAge"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="Enter your Age"

android:inputType="number"

android:textSize="18sp"

android:layout\_marginBottom="16dp"

android:padding="12dp"/>

<TextView

android:id="@+id/tvGender"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Gender:"

android:textSize="18sp"

android:layout\_marginBottom="8dp"/>

<Spinner

android:id="@+id/spinnerGender"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

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

<TextView

android:id="@+id/tvCourse"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Course:"

android:textSize="18sp"

android:layout\_marginBottom="8dp"/>

<Spinner

android:id="@+id/spinnerCourse"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

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

<Button

android:id="@+id/btnSubmit"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Submit"

android:textSize="18sp"

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

<TextView

android:id="@+id/tvStudentInfo"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text=""

android:textSize="18sp"

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

</LinearLayout>

MainActivity.java

package com.example.studentinfoapp;

import android.os.Bundle;

import android.view.View;

import android.widget.ArrayAdapter;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Spinner;

import android.widget.TextView;

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 etName = findViewById(R.id.etName);

EditText etAge = findViewById(R.id.etAge);

Spinner spinnerGender = findViewById(R.id.spinnerGender);

Spinner spinnerCourse = findViewById(R.id.spinnerCourse);

Button btnSubmit = findViewById(R.id.btnSubmit);

TextView tvStudentInfo = findViewById(R.id.tvStudentInfo);

String[] genders = {"Male", "Female", "Other"};

ArrayAdapter<String> genderAdapter = new ArrayAdapter<>(this, android.R.layout.simple\_spinner\_item, genders);

genderAdapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item);

spinnerGender.setAdapter(genderAdapter);

String[] courses = {"Computer Science", "Mechanical Engineering", "Civil Engineering", "Electrical Engineering"};

ArrayAdapter<String> courseAdapter = new ArrayAdapter<>(this, android.R.layout.simple\_spinner\_item, courses);

courseAdapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item);

spinnerCourse.setAdapter(courseAdapter);

btnSubmit.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

String name = etName.getText().toString();

String age = etAge.getText().toString();

String gender = spinnerGender.getSelectedItem().toString();

String course = spinnerCourse.getSelectedItem().toString();

if (name.isEmpty() || age.isEmpty()) {

Toast.makeText(MainActivity.this, "Please fill all fields", Toast.LENGTH\_SHORT).show();

return;

}

String studentInfo = "Name: " + name + "\nAge: " + age + "\nGender: " + gender + "\nCourse: " + course;

tvStudentInfo.setText(studentInfo);

}

});

}

}