Package customerms;

import java.util.ArrayList;

import java.util.List;

public class Student {

private String name;

private int id;

private double grade;

public Student(String name, int id, double grade) {

this.name = name;

this.id = id;

this.grade = grade;

}

public String getName() {

return name;

}

public int getId() {

return id;

}

public double getGrade() {

return grade;

}

}

class Report {

private List<Student> students;

public Report() {

students = new ArrayList<>();

}

public void addStudent(Student student) {

students.add(student);

}

public void generateReport() {

System.out.println("Student Report");

System.out.println("==============");

for (Student student : students) {

System.out.println("ID: " + student.getId());

System.out.println("Name: " + student.getName());

System.out.println("Grade: " + student.getGrade());

System.out.println("--------------");

}

}

}

public class Main {

public static void main(String[] args) {

// Create a report

Report report = new Report();

// Add students to the report

report.addStudent(new Student("Alice", 1, 90.5));

report.addStudent(new Student("Bob", 2, 85.3));

report.addStudent(new Student("Charlie", 3, 78.9));

// Generate and print the report

report.generateReport();

}

}