// Code

public class Student {

private int id;

private String name;

private double gpa;

@w3epublic Student(int id, String name, double gpa) {

this.id = id;

this.name = name;

this.gpa = gpa;

}

public int getId() {

return id;

}

public String getName() {

return name;

}

public double getGpa() {

return gpa;

}

public void setGpa(double gpa) {

this.gpa = gpa;

}

}

public class Course {

private int id;

private String name;

private double credits;

public Course(int id, String name, double credits) {

this.id = id;

this.name = name;

this.credits = credits;

}

public int getId() {

return id;

}

public String getName() {

return name;

}

public double getCredits() {

return credits;

}

}

public class Enrollment {

private Student student;

private Course course;

private int grade;

public Enrollment(Student student, Course course, int grade) {

this.student = student;

this.course = course;

this.grade = grade;

}

public Student getStudent() {

return student;

}

public Course getCourse() {

return course;

}

public int getGrade() {

return grade;

}

public void setGrade(int grade) {

this.grade = grade;

}

}

// Class Diagram

Student ------------

| id: int |

| name: String |

| gpa: double |

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+ Student(int, String, double)

+ getId(): int

+ getName(): String

+ getGpa(): double

+ setGpa(double): void

Course ------------

| id: int |

| name: String |

| credits: double |

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+ Course(int, String, double)

+ getId(): int

+ getName(): String

+ getCredits(): double

Enrollment ----------------

| student: Student |

| course: Course |

| grade: int |

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+ Enrollment(Student, Course, int)

+ getStudent(): Student

+ getCourse(): Course

+ getGrade(): int

+ setGrade(int): void