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public class CGPA {

    private String name;
    private double[] subjectGrades;

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public double[] getSubjectGrades() {
        return subjectGrades;
    }

    public void setSubjectGrades(double[] subjectGrades) {
        this.subjectGrades = subjectGrades;
    }

    public double calculateCGPA() {
        if (subjectGrades == null || subjectGrades.length == 0) {
            return 0;
        }

        double totalGradePoints = 0;
        int totalSubjects = subjectGrades.length;

        for (int i = 0; i < subjectGrades.length; i++) {
            double grade = subjectGrades[i];
            totalGradePoints += grade;
        }

        return totalGradePoints / totalSubjects;
    }

    public static void main(String[] args) {
        CGPA c = new CGPA();

        c.setName("Aadith");
        double[] subjectGrades = {3.5, 4.5, 3.3, 3.6, 4.5, 4.0};
        c.setSubjectGrades(subjectGrades);

        double cgpa = c.calculateCGPA();
        System.out.println(c.getName() + " CGPA: " + cgpa);
    }
}

```

Output

Aadith CGPA: 3.9

