

```
1 package student;
2
3 import java.util.Arrays;
4
5 public class Student {
6
7     private String name;
8
9     private int subjectCount;
10    private String[] subjects;
11    private int[] grades;
12    public boolean approvedAllSubjects;
13
14    public Student(String name) {
15        this.name = name;
16        this.approvedAllSubjects = true;
17        this.subjectCount = 0;
18
19        this.subjects = new String[5];
20        for(int i=0; i<this.subjects.length; i++) {
21            this.subjects[i] = "";
22        }
23
24        this.grades = new int[5];
25        for(int i=0; i<this.grades.length; i++) {
26            this.grades[i] = -1;
27        }
28    }
29
30    public String toString() {
31        return "Name: " + this.name + "\n" +
32            "Subjects: " +
33            Arrays.toString(this.subjects) + "\n" +
34            "Grades: " + Arrays.toString(this.grades) +
35            "\n" +
36            "Approved all subjects: " +
37            this.approvedAllSubjects;
38    }
39 }
```

```
37
38     public void addGrade(int grade, String subject) {
39         if (this.subjectCount < this.grades.length) {
40             this.grades[this.subjectCount] = grade;
41             this.subjects[this.subjectCount] = subject;
42             this.subjectCount++;
43
44             if (grade < 70) {
45                 this.approvedAllSubjects = false;
46             }
47         }
48     }
49
50
51 }
52
```