

```
import java.util.Scanner;

public class StudentGrades {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.println("Enter the number of subjects:");
        int numSubjects = scanner.nextInt();
        int[] marks = new int[numSubjects];
        int totalMarks = 0;

        System.out.println("Enter the marks obtained in each subject (out of 100):");
        for (int i = 0; i < numSubjects; i++) {
            marks[i] = scanner.nextInt();
            totalMarks += marks[i];
        }

        double averagePercentage = (double) totalMarks / numSubjects;
        char grade;

        if (averagePercentage >= 90) {
            grade = 'A';
        } else if (averagePercentage >= 80) {
            grade = 'B';
        } else if (averagePercentage >= 70) {
            grade = 'C';
        } else if (averagePercentage >= 60) {
            grade = 'D';
        } else {
            grade = 'F';
        }
    }
}
```

```
System.out.println("Total Marks: " + totalMarks);

System.out.println("Average Percentage: " + averagePercentage + "%");

System.out.println("Grade: " + grade);


scanner.close();
}
}
```