

Task 2

STUDENT GRADE CALCULATOR

```
import java.util.Scanner;

public class MarksCalculator {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        // Input: Number of subjects

        System.out.print("Enter the number of subjects: ");

        int numSubjects = scanner.nextInt();

        // Array to store marks

        int[] marks = new int[numSubjects];

        // Input: Marks for each subject

        for (int i = 0; i < numSubjects; i++) {

            System.out.print("Enter marks obtained in subject " + (i + 1) + " (out of 100): ");

            marks[i] = scanner.nextInt();

        }

        // Calculate Total Marks

        int totalMarks = 0;

        for (int mark : marks) {

            totalMarks += mark;

        }

        // Calculate Average Percentage

        double averagePercentage = (double) totalMarks / numSubjects;

        // Grade Calculation

        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';  
}  
  
// Display Results  
System.out.println("Total Marks: " + totalMarks);  
System.out.printf("Average Percentage: %.2f%%\n", averagePercentage);  
System.out.println("Grade: " + grade);  
  
// Close the scanner  
scanner.close();  
  
}  
  
}
```