Task 2 : Student Grade Calculator

Input :

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StudentGradeCalculator.java > StudentGradeCalculator > main(String[])

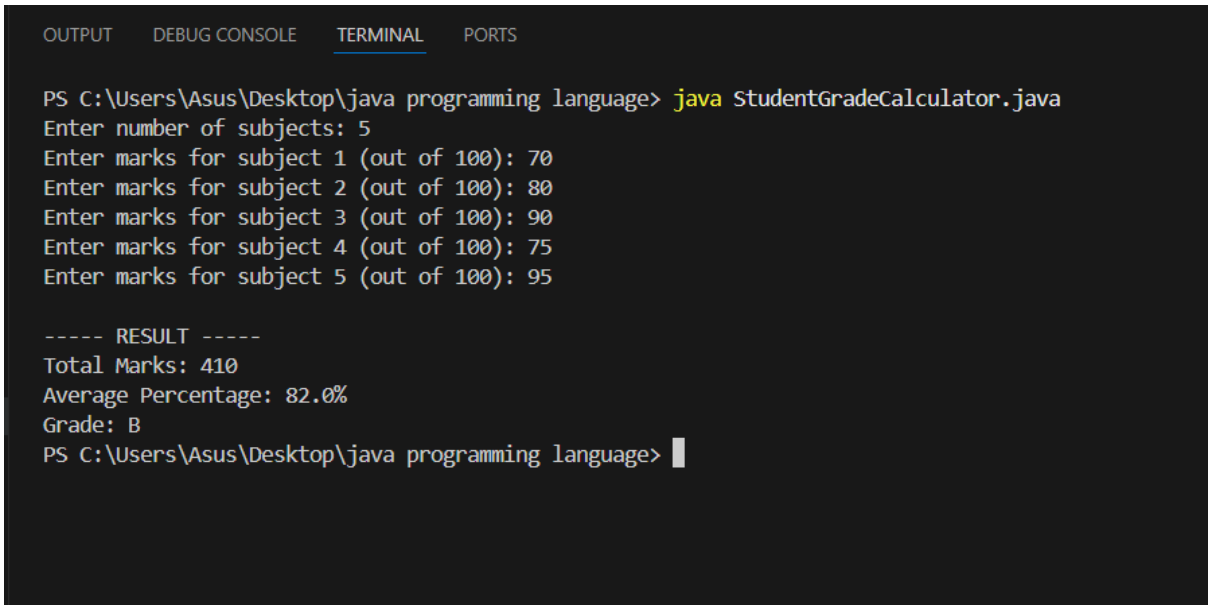
```java
import java.util.Scanner;
public class StudentGradeCalculator {
    Run | Debug
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print(s: "Enter number of subjects: ");
        int subjects = sc.nextInt();

        int totalMarks = 0;
        // Taking marks input
        for (int i = 1; i <= subjects; i++) {
            System.out.print("Enter marks for subject " + i + " (out of 100): ");
            int marks = sc.nextInt();
            totalMarks += marks;
        }
        // Calculate average percentage
        double average = (double) totalMarks / subjects;

        // Grade calculation
        char grade;
        if (average >= 90) {
            grade = 'A';
        } else if (average >= 80) {
            grade = 'B';
        } else if (average >= 70) {
            grade = 'C';
        } else if (average >= 60) {
            grade = 'D';
        } else if (average >= 40) {
            grade = 'E';
        } else {
            grade = 'F';
        }
        // Display results
        System.out.println(x: "\n----- RESULT -----");
        System.out.println("Total Marks: " + totalMarks);
        System.out.println("Average Percentage: " + average + "%");
        System.out.println("Grade: " + grade);

        sc.close();
    }
}
```

Output :


OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
PS C:\Users\Asus\Desktop\java programming language> java StudentGradeCalculator.java
Enter number of subjects: 5
Enter marks for subject 1 (out of 100): 70
Enter marks for subject 2 (out of 100): 80
Enter marks for subject 3 (out of 100): 90
Enter marks for subject 4 (out of 100): 75
Enter marks for subject 5 (out of 100): 95
----- RESULT -----
Total Marks: 410
Average Percentage: 82.0%
Grade: B
PS C:\Users\Asus\Desktop\java programming language>