import java.util.Scanner;

public class GradeCalculator {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

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

int numSubjects = scanner.nextInt();

int totalMarks = 0;

for (int i = 1; i <= numSubjects; i++) {

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

int marks = scanner.nextInt();

totalMarks += marks;

}

double averagePercentage = (double) totalMarks / numSubjects;

System.out.println("\nResults:");

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

System.out.printf("Average Percentage: %.2f%%\n", averagePercentage);

// Assign grades based on average percentage

String 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("Grade: " + grade);

scanner.close();

    }

}