import java.util.Scanner;

public class StudentGradeChecker {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

// Input student's name

System.out.print("Enter student name: ");

String name = scanner.nextLine();

// Input number of subjects

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

int n = scanner.nextInt();

int[] marks = new int[n];

int total = 0;

// Input marks for each subject

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

System.out.print("Enter marks for Subject " + (i + 1) + ": ");

marks[i] = scanner.nextInt();

total += marks[i];

}

// Calculate average and percentage

double percentage = (double) total / n;

// Determine grade

char grade;

if (percentage >= 90) {

grade = 'A';

} else if (percentage >= 80) {

grade = 'B';

} else if (percentage >= 70) {

grade = 'C';

} else if (percentage >= 60) {

grade = 'D';

} else if (percentage >= 50) {

grade = 'E';

} else {

grade = 'F';

}

// Output result

System.out.println("\nStudent Name: " + name);

System.out.println("Total Marks: " + total + "/" + (n \* 100));

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

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

scanner.close();

}

}