import java.util.Scanner;

public class StudentGradeCalculator {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

// Input the number of subjects

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

int numSubjects = scanner.nextInt();

// Input marks for each subject and calculate total marks

int totalMarks = 0;

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

System.out.print("Enter marks for Subject " + i + " (out of 100): ");

int marks = scanner.nextInt();

totalMarks += marks;

}

// Calculate average percentage

double averagePercentage = (double) totalMarks / numSubjects;

// Determine the grade

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 the results

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

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

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

scanner.close();

}

}