import java.util.ArrayList;

import java.util.Collections;

import java.util.Scanner;

public class StudentGrades {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

ArrayList<Integer> grades = new ArrayList<>();

System.out.println("Enter students' grades (enter -1 to stop):");

while (true) {

int grade = scanner.nextInt();

if (grade == -1) break;

grades.add(grade);

}

if (grades.isEmpty()) {

System.out.println("No grades entered.");

} else {

int highest = Collections.max(grades);

int lowest = Collections.min(grades);

double average = calculateAverage(grades);

System.out.println("Total Students: " + grades.size());

System.out.println("Highest Score: " + highest);

System.out.println("Lowest Score: " + lowest);

System.out.printf("Average Score: %.2f%n", average);

}

scanner.close();

}

public static double calculateAverage(ArrayList<Integer> grades) {

int sum = grades.stream().mapToInt(Integer::intValue).sum();

return (double) sum / grades.size();

}

}