

```
1 package course.java.pro101.edu;
2
3 import java.util.Scanner;
4
5 public class ForLoop {
6
7     public static void main(String[] args) {
8
9         System.out.println("Welcome to Grades Analyzer");
10        System.out.println("The program calculates the average score for the students");
11        System.out.println("Please Insert Students Count..");
12        Scanner scanner = new Scanner(System.in);
13        int studentsCount = scanner.nextInt();
14
15        int sum = 0;
16
17        for (int i = 0; i < studentsCount; i++) {
18            System.out.println("Please insert student's marks");
19            int mark = scanner.nextInt();
20            sum += mark;
21
22        }
23        int result = sum / studentsCount;
24        double result_with_fractions = (double) sum / studentsCount;
25
26        // IMPORTANT: Note the different between the two variables.
27        System.out.println(result);
28        System.out.println(result_with_fractions);
29
30    }
31
32
33 }
34
```