```java
1  package course.java.pro101.edu;
2
3  import java.util.Scanner;
4
5  public class WhileLoops {
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
12         Scanner scanner = new Scanner(System.in);
13
14         int sum = 0;
15         int i = -1;
16         int mark = 0;
17
18         while(mark > -1) {
19
20             sum += mark;
21             i++;
22             System.out.println("Please insert student's marks or -1  to finish");
23             mark = scanner.nextInt();
24         }
25
26         // Program will divide by zero if user inserted negative number at the begini
27         int result = sum / i;
28         double result_with_fractions = (double) sum / i;
29
30         // IMPORTANT: Note the different between the two variables.
31         System.out.println(result);
32         System.out.println(result_with_fractions);
33
34     }
35
36
37 }
38
```