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🖥 **ultimatedeath11** / **CSC125-Java**

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Branch: master ▾   **CSC125-Java** / ch4.9 / src / ch4 / pkg9 / **Ch49.java**   Find file   Copy path

🖥 **ultimatedeath11** changes made from 3/2/17   b1235ce 18 days ago

1 contributor

56 lines (44 sloc)   1.7 KB   Raw   Blame   History   🖥 ✎ 🗑

```java
1    /*
2     * To change this license header, choose License Headers in Project Properties.
3     * To change this template file, choose Tools | Templates
4     * and open the template in the editor.
5     */
6    package ch4.pkg9;
7    import java.util.Scanner;
8    /**
9     *
10    * @author noah.franck
11    */
12   public class Ch49 {
13
14       /**
15        * @param args the command line arguments
16        */
17       public static void main(String[] args) {
18           Scanner input = new Scanner(System.in);
19           int total = 0; //initilize the sum of grades entered by the user
20           int gradeCounter = 1; // grade to be entered next
21           int grade;
22           int average;
23           String errormsg;//user's input to override or not
24
25           while(gradeCounter <= 10 )//should loop 10 times
26           {
27               System.out.print("Enter grade:");
28               grade = input.nextInt();//setting the user's input as the grade
29
30               if(grade > 100){
31                   System.out.println("ERROR! The grade can not be above 100");
32                   System.out.println("default grade to 100? 'y' for yes or 'o' for"
33                           + " override");
34                   errormsg = input.nextLine();
35                   if(errormsg == "y"){
36                       grade = 100;
37                   }
38
39
40               }
41
42               total = total + grade;//increasing the total
43               gradeCounter = gradeCounter + 1; //increasing the incrament counter
```

```
44          }
45
46           average = total / 10;// setting the average through division
47
48          //printing out in the console.
49          System.out.println("Total of all 10 grades are" + total);
50          System.out.println("The class average is " + average );
51
52
53      }
54
55  }
```