

Exercise for Programming Practice 1

The purpose of today's exercise is to practice creating Java program. The submitted program will not be evaluated

Note:

- ✓ Do not create "module-info.java", when you create a Java Project.
- ✓ Do not set Package name in the window "New Java Class".
- ✓ Do not use the title of exercise for "contents of the program" in the comment.
Think about "contents of the program" yourself.

Practice 2 (file name "TotalAverage.java")

Create a Java program named "TotalAverage" to output the sum, average and maximum value using the following double array "data".

```
double[] data = {12.03, 7.34, 23.42, 94.85, 7.83, 3.19, 43.23};
```

The outline of "TotalAverage.java" and the execution result are shown in Figure 1. The incomplete program "TotalAverage.java" can be downloaded from Practice 2 page of Resources, manaba+R. See Appendix 1 of the "Programming Language" document "Quiz1.pdf".

The total value can be obtained by adding all the elements of the array "data" to the variable "total" using the for statement. Substitute the average obtained by dividing the total value by the number of elements of "data" into the variable "average".

Submit the program "TotalAverage.java" to "Practice 2" of "Assignments" page of "Programming Practice 1" course, manaba+R, by 18:00, October 7th.

The program must include the following information as a comment in the first part.

- ✓ Submission date
- ✓ Contents of the program (not program name)
- ✓ Program creator

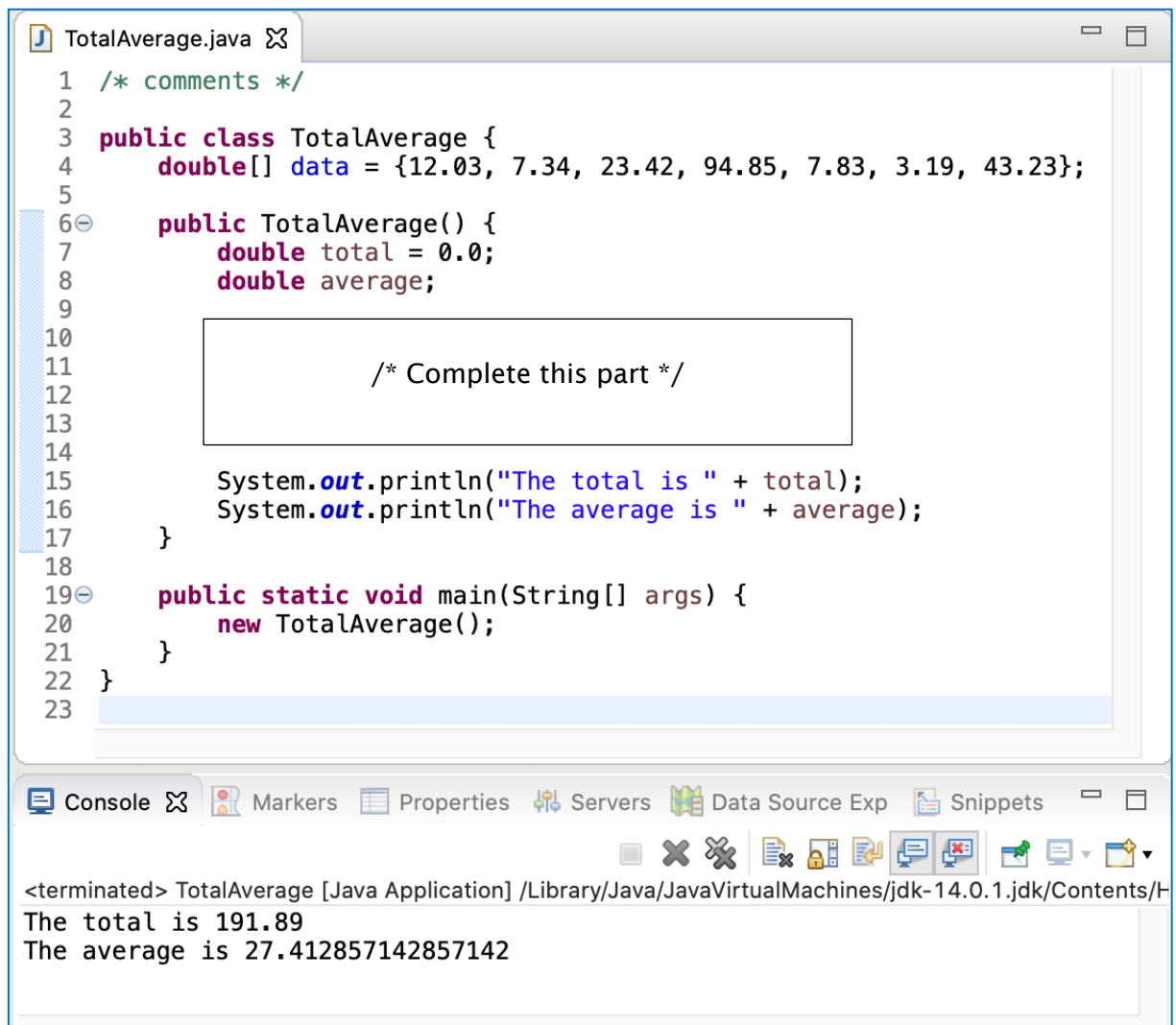


Figure 1. The outline of "TotalAverage.java" and the execution result.