**CIS 1115 Assignment 3**

Write a complete Java program including comments to do the following:

**Outline:**

At the Olympic games many of the events are judged in the following manner. An individual athlete’s performance is judged by a number of judges (in our case it will be a variable number of judges up to 10). Each of the athletes receives a grade from 0.0 to 10.0 from each of the judges. The performance score of the athletes is obtained by rejecting both the highest and lowest score and taking the average of the remaining scores. You will repeat the process for each athlete until the entire set of data has been taken care of.

**Here are the details:**

1. Assume the input format is as follows. It will read in the **id** of the athlete followed by a number representing the number of judges for this athlete followed by the scores recorded.

2365 7 8.8 7.4 6.3 7.1 5.6 7.3 6.4

The above means that Athlete number 2365 had 7 judges followed by 7 scores

2. The program will compute the average score for each athlete (remember the highest and lowest score don’t count). It should then print the athlete id followed by the average score for that athlete. In addition it should determine which athlete had the highest average score and print a message with the athlete’s id and average.

**Remember:**  the highest and lowest scores don’t count so factor that in along with not counting the 2 judges whose scores don’t count when computing the average.

Data to be used

2365 7 8.8 7.4 6.3 7.1 5.6 7.3 6.4

2345 6 8.9 8.9 4.5 4.5 6.7 9.2

4356 8 8.8 8.8 5.7 8.9 9.4 2.3 6.7 5.9

7865 5 7.8 5.3 2.3 6.9 9.8

2319 8 8.8 8.8 8.8 6.4 8.8 8.8 8.8 9.4

4508 7 8.9 9.4 2.3 5.6 3.4 9.9 9.8

**OPTIONAL:** Keep track of the single highest score among all the athletes and print the id of that athlete along with the score.