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OoL #1 TLDDR

UML Diagrams can be found in .jar file.

I organized my program in the way that I did because I was a little unsure of why the athletes would be added to the Event class, so in the Driver it made it more cumbersome to print the information about the athletes. In my opinion, it makes more sense to add the athletes into the Athlete class, or even just keep them in the ArrayList in the driver and leave them out of the Event class. The popularity value was not addressed much in the directions, so the way I took it was that the user would give the input of the popularity rating, not that it would be a random number or a certain given number. Some more direction on what the rating was and how to use it would have been beneficial.

I think the most interesting issue in this assignment was adding the athletes into the Event class. The way I approached this was to create an array of athletes, and use one method too add each athlete to the array. This information could then be accessed by the Driver and printed to the screen.

My code will be easy to maintain for any event with 3 athletes competing. Simply changing the data in the input file while still allow the program to work, while using the new data being given.

This program will be hard to maintain for any event with more than 3 athletes. The print statements stop after 3 athletes' data has been printed, due to the way athletes were stored in the Event class.

I think it is a fairly easy to use program. Changing the data values in the input file is all that is needed to use different athletes.

It could be hard or confusing to use when the program does not take input for a fourth athlete, again due to the nature of having athletes stored in the Event class, with one method to update each athlete.

In my opinion, having the athletes stored in the Event class, instead of in the ArrayList in the Driver makes this project much more difficult. It would have been much faster and much more robust to leave them in the driver, as we have done with the Ship and Port examples in lecture 9. If someone wanted to add more than 3 athletes, it would be much easier to do so if the athletes were left in the Driver.