

Maz Radwan

Advanced Programming in Java

QAP2

May 25<sup>th</sup> 2024

Questionnaire:

1. How many hours did it take you to complete this assessment? (Please keep try to keep track of how many hours you have spent working on each individual part of this assessment as best you can - an estimation is fine; we just want a rough idea.)

Problem 1 & 2 took ~3 hrs | Problem 3 took ~3.5 hrs

2. What online resources you have used? (My lectures, YouTube, Stack overflow etc.)

Lectures , Bro Code YT channel

3. Did you need to ask any of your friends in solving the problems. (If yes, please mention name of the friend. They must be amongst your class fellows.)

No

4. Did you need to ask questions to any of your instructors? If so, how many questions did you ask (or how many help sessions did you require)?

No

5. Rate (subjectively) the difficulty of each question from your own perspective, and whether you feel confident that you can solve a similar but different problem requiring some of the same techniques in the future now that you've completed this one.

Problem 1 & 2: 7/10

Problem 3: 8/10

Although initially there was some difficulty with the problems. Once I understood the problems, they of course became easier. I am more comfortable with aggregation, I find the concept analogous to structuring database tables, this helped me to better understand them.

I now have a much better understanding of overloading, copy constructors and encapsulation. Having completed this assignment, I feel much more comfortable using these techniques when solving problems.

