# QAP1 – Advanced Programming Java

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.)

It took me approximately 2-3 hours to complete this assessment. I spent about .5 hour understanding the requirements, 2 hours coding and debugging the classes and test programs, few minutes creating screenshots and the Word document, and .5 hour setting up the GitHub repository and organizing everything.

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

I referred to previous classes and some Youtube videos if I was stuck on anything.

1. 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.)

N/A

1. 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)

N/A

1. 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.

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Problem 1: The Account Class

Difficulty: 3/10

It was simple and focused on basic class design.

Confidence: 9/10

I feel confident I can solve similar problems.

Problem 2: The Date Class

Difficulty: 4/10

Formatting the date was a bit tricky but manageable.

Confidence: 8/10

I’m comfortable handling similar problems in the future.

Problem 3: The Time Class

Difficulty: 5/10

Handling edge cases for time increments took more effort.

Confidence: 7/10

I can solve similar problems but may need to test more carefully.

Using GitHub

Difficulty: 6/10

Setting it up was okay, but fixing Git errors was tricky.

Confidence: 7/10

I feel pretty confident using GitHub now but it can get tangly in the terminal.

# Screenshots:

Problem #1:

A screen shot of a computer

Description automatically generated

Problem #2:

A black screen with white text

Description automatically generated

Problem #3:

A screen shot of a computer

Description automatically generated