# QAP 2 – 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.)

Estimated Time:

Problem 1 (MyLine and MyPoint): ~2 hours

Problem 2 (MyRectangle): ~2 hours

Problem 3 (Credit Card System): ~3hours

Finalizing the folder structure, testing, and troubleshooting: ~1 hour

Total: ~8 ish hours while poking at it referring to previous classes, debugging etc and snacking lol.

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

I used some previous class materials and examples.

Also looked up some Youtube videos here and there for reference.

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.)

No I did not ask any friends for help.

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

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 (MyLine and MyPoint):

Difficulty: 3/10

Confidence: High. I feel confident working with basic classes, constructors, and methods in the future.

Problem 2 (MyRectangle):

Difficulty: 5/10

Confidence: Moderate. Working with relationships between objects was a bit more challenging but manageable. I can tackle similar problems with practice.

Problem 3 (Credit Card System):

Difficulty: 7/10

Confidence: Moderate to High. Aggregation and multiple interdependent classes required more effort to implement and test. However, I feel more comfortable now with object composition and designing systems with interconnected classes.

# Screenshots:

Problem #1 :

A screen shot of a computer program

Description automatically generated

Problem #2 :

A screen shot of a computer program

Description automatically generated

Problem #3 :

A screen shot of a computer

Description automatically generated