**Advanced Programming (Java) – QAP3 Word Document**

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**Course**: Advanced Programming (Java)  
**Assessment**: QAP 3  
**Due Date**: July 12, 2025

**1. How many hours did it take you to complete this assessment?**

* Problem 1: 1.5 hours
* Problem 2: 1 hour
* Problem 3: 1.5 hours
* Problem 4: 1.5 hours
* Total: Approx. 5.5 hours

**2. What online resources did you use?**

* Stack Overflow
* Oracle Java Documentation
* YouTube
* Java tutorials (w3schools, GeeksForGeeks)

**3. Did you get help from any classmates?**  
No.

**4. Did you ask for help from an instructor?**  
No.

**5. Rate the difficulty of each problem and your confidence in solving similar problems in the future.**

* **Problem 1**: Medium – Confident
* **Problem 2**: Medium – Confident
* **Problem 3**: Medium to Hard – Fairly confident
* **Problem 4**: Hard – Now more confident after practice

**Problem 1 Output:**  
A computer screen shot of a black screen

AI-generated content may be incorrect.

**Problem 2 Output:**  
A computer screen shot of a program

AI-generated content may be incorrect.

**Problem 3 Output:**  
A screenshot of a computer

AI-generated content may be incorrect.

**Problem 4 Output (before and after scaling):**  
A computer screen shot of a program

AI-generated content may be incorrect.