Report

Name: Wyatt Matthew Hargono
Course: Object-Oriented Programming
Date: Wednesday, 19 February 2025

Development Environment

1. Tools Used:

- **JDK Version:** OpenJDK 21

- **IDE:** Visual Studio Code

- **Version Control:** Git & GitHub

2. Setup Process:

1. Installed OpenJDK 21 and set up environment variables.

2. Installed Visual Studio Code and added necessary extensions (Java Extension Pack).

3. Configured Git and linked the repository to GitHub.

Challenges & Solutions

Challenge 1: Java Not Recognized in Terminal

- **Issue:** *The terminal did not recognize **java** and **javac** commands.*

- **Solution:** Added Java to the system's environment variables and restarted the terminal.

Challenge 2: Terminal Output Coloring Issue

- **Issue:** Some terminals did not display ANSI escape codes correctly.

- **Solution:** Used a terminal that supports ANSI escape codes (e.g., Windows Terminal, VS Code Terminal).

Conclusion

The environment setup was successfully completed, allowing smooth development and execution of the Java program. Challenges encountered were resolved efficiently, ensuring a seamless workflow.