

SOEN 6011:SOFTWARE ENGINEERING PROCESSES

Deliverable #2

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<https://github.com/ShashankRao17/SOEN6011-Software-Engineering-Processes>

1 Problem-4

1.1 Debugger

A debugger is a program that can examine the state of your program while your program is running. It is a computer program used by programmers to test and debug a target program. Debuggers may use instruction-set simulators, rather than running a program directly on the processor to achieve a higher level of control over its execution.

The debugger used for this project is the inbuilt JDT debugger, present in Eclipse IDE.

- Advantages:

- i. One of the benefits that Eclipse provides is the ability to run code interactively by using its integrated debugger. Examining variables and expressions while executing code step-by-step is an invaluable tool for investigating problems with your code.
- ii. It often allows debugger-time altering of the variables and logic, which might be handy as well.

- Disadvantages: