

Homework Writeup

Instructions

- This write-up is intended to be 'light'; its function is to help us grade your work and not to be an exhaustive report.
- Be brief and precise.
- Please describe any non-standard or interesting decisions you made in writing your algorithm.
- Show your results and discuss any interesting findings.
- List any extra credit implementation and its results.
- Feel free to include code snippets, images, and equations. Below are useful markup templates for these.
- **Please make this document anonymous.**

Declaration of Generative AI Use

Reminder of Course Policy

- The use of GenAI tools (e.g., ChatGPT, Grammarly, Bard) for completing any part of this course is discouraged.
- Using these tools is not needed to be successful in the class and could be detrimental to your learning experience.
- If you use them, you must cite the tool you used and explain how you used it.
- If you do not cite the tool, it is an academic code violation.
- We will be using special tools to detect cases of unattributed GenAI use.

Student Declaration

Have you used generative AI tools to complete this assignment:

YES ☐ NO ☒

If you answered YES above, describe what tools you used and what parts of the assignment you used them for below:

Example: I used ChatGPT to debug my convolution implementation

Assignment Overview

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Implementation Detail

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My code snippet highlights an interesting point.

```
one = 1;
two = one + one;
if two == 2
    disp( 'This computer is not broken.' );
end
```

Result

1. Result 1 was a total failure, because...
2. Result 2 (Figure 1, left) was surprising, because...
3. Result 3 (Figure 1, right) blew my socks off, because...

My results are summarized in Table 1.

Condition	Time (seconds)
Test 1	1
Test 2	1000

Table 1: Stunning revelation about the efficiency of my code.

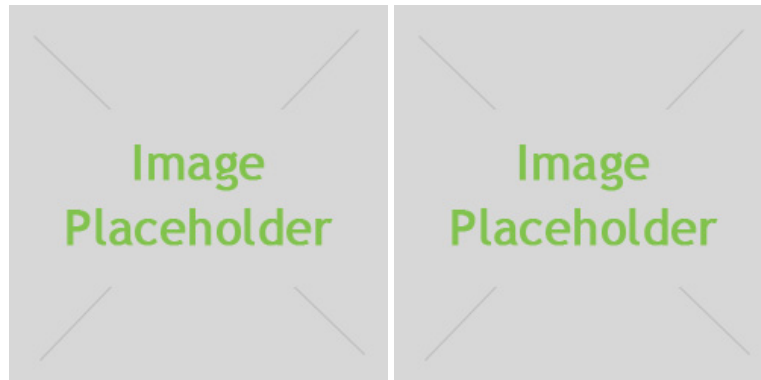


Figure 1: *Left*: My result was spectacular. *Right*: Curious.

Extra Credit (Optional)

1. Implementation A, code snippets, and results

```
one = 1;
two = one + one;
if two == 2
    disp( 'This computer is not broken.' );
end
```

2. Implementation B, code snippets, and results

```
one = 1;
two = one + one;
if two == 2
    disp( 'This computer is not broken.' );
end
```