

Project 5 Writeup

Project Overview

One of the major factors in science and research is to present your work. For any project, programming is important and must, however how you present your experiments is more important than the experiment itself as this is what the readers are going to see before looking at your code. Hence, it is of foremost importance to be able to explain your experiments. See Equation 1.

$$Great\ Research = Good\ Experiments + Good\ Writing \quad (1)$$

Instructions

- Give a brief overview about how your project is organized.
- Describe any interesting decisions you made to write your algorithm.
- Show and discuss the results of your algorithm.
- Feel free to include code snippets (and not the entire code), images, and equations.
- List any extra credit implementation and result (optional).
- Page-limit is 5 pages (excluding references).

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...

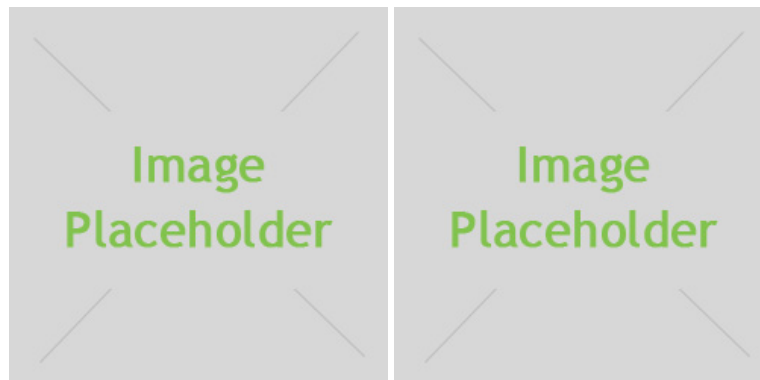


Figure 1: *Left:* My result was spectacular. *Right:* Curious.

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.

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
```