Project 4 Writeup

Instructions

- Provide an overview about how your project functions.
- Describe any interesting decisions you made to write your algorithm.
- Show and discuss the results of your algorithm.
- Feel free to include code snippets, images, and equations.
- List any extra credit implementation and result (optional).
- Use as many pages as you need, but err on the short side.
- Please make this document anonymous.

Project Overview

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$$a = b + c \tag{1}$$

Implementation Detail

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My code snippet highlights an interesting point.

```
\begin{array}{l} one = 1;\\ two = one + one;\\ if \ two == 2\\ \quad disp(\ 'This\ computer\ is\ not\ broken.'\ );\\ end \end{array}
```

Result

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



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

My results are summarized in Table ??.

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

```
\begin{array}{l} one = 1;\\ two = one + one;\\ if two = 2\\ disp( 'This computer is not broken.' );\\ end \end{array}
```

2. Implementation B, code snippets, and results

```
egin{array}{lll} {
m one} &=& 1\,; \ {
m two} &=& {
m one} \,+& {
m one}\,; \ {
m if} & {
m two} &=& 2 \ & {
m disp}\left( \end{array} \, {
m 'This} & {
m computer} & {
m is} & {
m not} & {
m broken.'} \end{array} 
ight); \ {
m end} \end{array}
```