

**TITLE OF THESIS (DOUBLE SPACED, ALL UPPER CASE, BOLD, AND
CENTERED)**

A Masters Thesis

Presented to

The Graduate College of
Missouri State University

In Partial Fulfillment

Of the Requirements for the Degree

Master of Science, Computer Science

By

Thesis Student Name

September 2018

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Department of Computer Science

Missouri State University, Month 9999

Master of Science

Thesis Student Name

ABSTRACT

The formatting of this abstract should be one paragraph without indenting and single spaced. The length of the abstract is limited to this space so that everything fits on this one page. There must be at least two single-spaced blank lines between the abstract and the line with keywords.

KEYWORDS: (list at least five keywords or phrases here: use lowercase and separate with commas; note that if two lines are used, the second line is not indented)

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Missouri State University

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Approved:

Thesis Advisor, Chairperson

Dr. So and So, Member

Dr. So and So Dos, Member

Dr. Julie J. Masterson, Graduate College Dean

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ACKNOWLEDGEMENTS

If desired, a page can be inserted for the purpose of acknowledging the assistance and support of others. A dedication can be included as well, but serves a separate purpose. If used, it should be clearly delineated. Single spacing is acceptable if necessary to keep this all on one page.

I would like to thank the following people for their support during the course of my graduate studies.

A dedication can be included as well. It should be separated from the rest of the acknowledgement. The following is an example.

I dedicate this thesis to (insert person to be dedicated here).

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF ALGORITHMS

INTRODUCTION

This is where you begin your thesis. Be sure to indent all paragraphs 1/2 inch. Do not put extra spacing between paragraphs. In addition, paragraphs should be formatted so that there is zero added space above/below them. Justify on the left side only. Consult the style manual approved by the faculty in your program to determine appropriate actions on widow and orphan issues [?].

Spacing

Double space the body of the text (except the abstract). Single spacing may be required for footnotes or quotations of five lines or more, and may be used for table headings and figure captions. In addition, single spacing is acceptable for subheadings in the Table of Contents and in the Acknowledgement Page if this enables these sections to be one page. Finally, references may be single spaced within the reference and double spaced between references. Consult the style manual approved by the faculty in your program for appropriate reference format. Also, note that after the primary heading on this page, and before each secondary heading, there are blank lines. This is appropriate spacing format for these types of headings.

Headings

Headings are essential for dividing the body of the thesis, and a standard format is required by the Graduate College. This format may be an exception to the style manual approved by the faculty in your program, but you are to follow the Thesis Guide.

Headings should be descriptive, focus attention on distinctive sections, and thus

enable a quick targeting of salient information addressed in the thesis. Depending on the nature of the subject, more than one level of heading may be appropriate. It is vital that there is a consistency in placement and other aspects of formatting headings that divide the text.

Start main (primary) headings on a new page. These primary headings should be centered, bold, upper case, and separated from the text that follows by extra space (blank line). Secondary headings should follow a blank line (double-spacing), be placed at the left margin, bold, and capitalize only the first letter of words. Tertiary headings will be placed as the first word(s) of the paragraph of that section, indented, bolded, first letter of words capitalized, and followed by a period. Fourth level headings should be indented, underlined, with the first letter of words capitalized, followed by a period; fifth level heading should be indented, italicized with the first letter of words capitalized, followed by a period. The first sentence of the paragraph will then follow on the same line for 3rd - 5th level headings. The format of primary, secondary, and tertiary headings is modeled in this Thesis Guide. Make sure your Table of Contents matches these heading types.

It is not acceptable to have just one subheading under a larger heading. For example, if you are to use secondary headings under a primary heading, there must be two or more headings. This would be analogous to an outline that has an “A” but no “B.”

CONCLUSION

Here it will end.

Appendices

ALGORITHMS

Sample Algorithm

In Algorithm ?? we show how to calculate $y = x^n$.

Algorithm 1 Calculate $y = x^n$

Require: $n \geq 0 \vee x \neq 0$

Ensure: $y = x^n$

$y \leftarrow 1$

if $n < 0$ **then**

$X \leftarrow 1/x$

$N \leftarrow -n$

else

$X \leftarrow x$

$N \leftarrow n$

end if

while $N \neq 0$ **do**

if N is even **then**

$X \leftarrow X \times X$

$N \leftarrow N/2$

else $\{N$ is odd $\}$

$y \leftarrow y \times X$

$N \leftarrow N - 1$

end if

end while

CODES

Sample Code

We use this code to find out...

```
1 #include <stdio.h>
2 int Fibonacci(int);
3
4 main()
5 {
6     int n, i = 0, c;
7
8     printf("Enter_the_value_of_n:_");
9     scanf("%d",&n);
10
11     printf("\nFibonacci_series\n");
12
13     for (c = 1 ; c <= n ; c++)
14     {
15         printf("%d\n", Fibonacci(i));
16         i++;
17     }
18
19     return 0;
20 }
```



```
21
22 int Fibonacci(int n)
23 {
24     if (n == 0)
25         return 0;
26     else if (n == 1)
27         return 1;
28     else
29         return (Fibonacci(n-1) + Fibonacci(n-2));
30 }
```

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