

UNIVERSITI TEKNOLOGI MARA

**A GREAT THESIS WRITTEN IN A
GREAT UNIVERSITY**

**A GREAT THESIS AUTHOR BIN A
GREAT DAD**

PhD

March 2021

UNIVERSITI TEKNOLOGI MARA

**A GREAT THESIS WRITTEN IN A
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DAD**

Thesis submitted in fulfillment
of the requirements for the degree of
Doctor of Philosophy
(**Mathematics**)

Faculty of Computer and Mathematical Sciences

March 2021

CONFIRMATION BY PANEL OF EXAMINERS

I certify that a Panel of Examiners has met on July 3, 2021 to conduct the final examination of A Great Thesis Author bin A Great Dad on his **Doctor of Philosophy (Mathematics)** thesis entitled “A Great Thesis written in a great university” in accordance with Universiti Teknologi MARA Act 1976 (Akta 173). The Panel of Examiners recommends that the student be awarded the relevant degree. The Panel of Examiners was as follows:

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**THE DEAN’S NAME IN UPPERCASE
LETTER**

Dean
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Universiti Teknologi MARA
Date: July 3, 2021

AUTHOR'S DECLARATION

I declare that the work in this thesis was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the results of my own work, unless otherwise indicated or acknowledged as referenced work. This thesis has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Post Graduate, Universiti Teknologi MARA, regulating the conduct of my study and research.

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Faculty : Faculty of Computer and Mathematical Sciences
Thesis Title : A Great Thesis written in a great university

Signature of Student :

Date : March 2021

ABSTRACT

The summary of everything. Master-minimum 200 words. PhD-minimum 250 words. Limit to one(1) page only. Font: Times New Roman - 12pt. Single spacing.

ACKNOWLEDGEMENT

A very special thanks to...

Finally, this (thesis/report/dissertation) is dedicated to the loving memory of my very dear late father and mother for the vision and determination to educate me. This piece of victory is dedicated to both of you. Alhamdulillah.

Must include all supervisors names. Limit one (1) page only. Font Times New Roman 12pt.

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LIST OF SYMBOLS

Symbols

c	Speed of light
f	Frequency

LIST OF ABBREVIATIONS

Abbreviations

ACO	Ant Colony Optimization
PPP	Public Private Partnership

LIST OF NOMENCLATURES

Nomenclatures

SI	International System
SMB	Serial Mini Bus

CHAPTER ONE

INTRODUCTION

1.1 Research Background

Section 1.1 on page 1. The data is on Appendix A on page 13. Chapter 2. Section 1.1 Chapter 5. Appendix B on 14. Appendix A on 13. Theorem 1.1

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

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1.2 Problem Statement

Theorem 1.1. *A great theorem with no name.*

Theorem 1.2 (The great theorem). *The great theorem.*

Proof. This is the proof for 1.2. □

And a consequence of theorem 1.2 is the statement in the next corollary.

Corollary 1.2.1. *The corollary . . .*

Lemma 1.3. *A lemma. The number follows theorem.*

Remark 1.1. *This is a remark. It's true.*

Example 1.1. This is an example.

Solution. The solution



1.3 Research Objectives

The objective is

This is a new paragraph.

1.4 Research Questions

1.5 Significance of Study

1.6 Limitations

1.7 Scope of Study

1.8 Definitions of Terms

(subject to discipline of study)

Table 1.1
Length Units Again

Millimeters	Centimeters
mm	cm
1	0.1
10	1
100	10
1000	100
10000	1000

Note: This table is useful for . . .

CHAPTER TWO

LITERATURE REVIEW

2.1 Introduction

This is a L^AT_EX book (Urban, 1986). Lamport (1994) wrote a good L^AT_EX book. Knuth (1986) claimed that . . .

2.2 Previous Study on Problem B

Three or more authors (Mittelbach et al., 2004)

Mittelbach et al. (2004) has three or more authors.

Two authors (Kopka & Daly, 1995).

Kopka and Daly (1995) has two authors.

Cite more than one articles (Lamport, 1994; Urban, 1986).

Newspaper (AFP, 2021).

2.3 Improved Method for Problem B

Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetur adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.

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nulla. Nulla egestas. Curabitur a leo. Quisque egestas wisi eget nunc. Nam feugiat lacus vel est. Curabitur consectetur.

CHAPTER THREE

RESEARCH METHODOLOGY

3.1 Study Area

3.2 Sampling

Table 3.1
My Sample

Millimeters mm	Centimeters cm
1	0.1
10	1
100	10
1000	100
10000	1000

Note: This table is useful for

Table 3.2
The Second Sample

Millimeters mm	Centimeters cm
1	0.1
10	1
100	10
1000	100
10000	1000

Note: This table is useful for



Figure 3.1 A New Figure Again!

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus.

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(a) $y = x$



(b) $x = y$

Figure 3.2 The Two Figures

CHAPTER FOUR

RESULTS AND DISCUSSIONS

4.1 Background of Study

Suppose that we have a line with equation $y = 2x + 3$. This line cuts the y -axis at $y = 3$. We can find the gradient of the line using (4.1). Equation (4.2), . . .

$$m = \frac{y_2 - y_1}{x_2 - x_1} \quad (4.1)$$

$$e^{\pi i} + 1 = 0 \quad (4.2)$$

4.1.1 Comparison of Method A with Other Studies

Table 4.1
Length Units

Millimeters mm	Centimeters cm
1	0.1
10	1
100	10
1000	100
10000	1000

Note: This table is useful for . . .

4.1.1.1 Method A Improved

Figure 4.1 is . . . Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada

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Figure 4.1 Logo UiTM Logo UiTM Logo UiTM Logo UiTM Logo UiTM Logo
UiTM Logo UiTM Logo UiTM

Notes/Sources: Phasellus in dui mi. Suspendisse placerat nisl et elit tristique, non congue elit bibendum. Donec mauris libero, vehicula in feugiat vitae.

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magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

CHAPTER FIVE

CONCLUSION AND RECOMMENDATIONS

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Sed commodo posuere pede. Mauris ut est. Ut quis purus. Sed ac odio. Sed vehicula hendrerit sem. Duis non odio. Morbi ut dui. Sed accumsan risus eget odio. In hac habitasse platea dictumst. Pellentesque non elit. Fusce sed justo eu urna porta tincidunt. Mauris felis odio, sollicitudin sed, volutpat a, ornare ac, erat. Morbi quis dolor. Donec pellentesque, erat ac sagittis semper, nunc dui lobortis purus, quis congue purus metus ultricies tellus. Proin et quam. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos hymenaeos. Praesent sapien turpis, fermentum vel, eleifend faucibus, vehicula eu, lacus.

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APPENDICES

APPENDIX A THE DATA

This is the data.

APPENDIX B THE CODING

This is the C code.

```
#include <stdio.h>
int main() {
    printf("Hello World\n");
return 1;
}
```