

Title of Dissertation or Thesis

J. Q. Smith orcid.org/1234-5678-9012-WXYZ

Thesis submitted for the degree *Magister Scientiae* in Mathematics at the North-West University

Supervisor: Prof. I. M. A. Person

Co-supervisor: Prof. A. Guy

Graduation: July, 2021

Student number: 12345678

Acknowledgements

I would like to thank the everyone for helping me. You're all great!

Abstract

This is the abstract. It is a summary of all the work.

Contents

1	Introduction	1
	1.1 The first section	2
	1.2 The second section	2
	1.2.1 Example of a sub-section	2
2	Second Chapter	4
	2.1 Heading	4
3	Concluding Chapter	5
\mathbf{A}	An Appendix Chapter	7

List of Figures

1.1	The first figure. The old university logo and colours	1
1.2	The second figure. The new university logo and colours]

List of Tables

1.1	This is the first table.								 						1
2.1	This is the second table				_										۷

Table of abbreviations

A table containing a list of abbreviations that will be used throughout text.

SCUBA Self-contained underwater breathing apparatus

RADAR Radio detection and ranging

LASER Light amplification by stimulated emission of radiation

Chapter 1

My Introduction Chapter

The quick brown fox jumps over the lazy dog (Author and Writer, 2018) (use \citep{} to cite like this).

In Author and Writer's (2018) discussion, foxes and dogs seem to enjoy jumping and lazing about, respectively (use \cites{} to cite like this).

However, according to Author et al. (1999), we find that the lazy fox does not jump over the quick brown dog (use \cite{} to cite like this).

Table 1.1: This is the first table. Variable 1 Variable 2 Variable 3



Figure 1.1: The first figure. The old university logo and colours.



Figure 1.2: The second figure. The new university logo and colours.

1.1 The first section

The quick brown fox jumps over the lazy dog (Author et al., 1999; Author and Writer, 2018). The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. Author and Writer (2018) stated that 'The quick brown fox jumps over the lazy dog'.

1.2 The second section

The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

1.2.1 Example of a sub-section

The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

Example of a sub-sub-section

The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

Example of a paragraph The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

The above sentence is a pangram, i.e., it is a sentence that contains all of the letters of the alphabet. Other pangrams include:

- Mr. Jock, TV quiz PhD., bags few lynx.
- GQ's oft lucky whiz Dr. J, ex-NBA MVP.
- Waltz, nymph, for quick jigs vex Bud.
- Sphinx of black quartz, judge my vow.
- Pack my box with five dozen liquor jugs.

- Glib jocks quiz nymph to vex dwarf.
- Jackdaws love my big sphinx of quartz.
- The five boxing wizards jump quickly.
- How vexingly quick daft zebras jump!
- Quick zephyrs blow, vexing daft Jim.
- Two driven jocks help fax my big quiz.
- The jay, pig, fox, zebra and my wolves quack!
- Sympathizing would fix Quaker objectives.
- A wizard's job is to vex chumps quickly in fog.
- Watch "Jeopardy!", Alex Trebek's fun TV quiz game.
- By Jove, my quick study of lexicography won a prize!
- Waxy and quivering, jocks fumble the pizza.

Extracted from

examples.your dictionary.com/reference/examples/examples-of-pangrams.html on 2020-01-31.

Chapter 2

Second Chapter

2.1 Heading

The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

Table 2.1: This is the second table.

Variable 1	Variable 2
9	1
8	2
7	3

Chapter 3

Concluding Chapter

The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

Bibliography

Author, A. and Writer, B. (2018). Article title. Journal of Articles, 85(1):123-321.

Author, B., Wincy, Q., and Ackerman, J. (1999). A Book Covering Some Topic. John Wiley and Sons, Inc., Johannesburg, South Africa.

Appendix A

An Appendix Chapter

This is an appendix chapter.

$$\int_0^1 x^2 \mathrm{d}x = \frac{1}{3}$$