This is the title

MassBay Consulting LLC

Clarence T. Fishburn*
Simitongue Institute
<clarence.fishburn@gmail.com>

David C. Petty†
MassBay Consulting
<dcp@massbay.consulting>

Abstract

Keywords: keyword1, keyword2, keyword3

In this paper there are examples of all the useful things you can do with LaTeX. This document includes settings and examples for using the following packages: amsthm, appendix, array, booktabs, cancel, ccicons, comment, empheq, endnotes, enumitem, float, graphicx, indentfirst, lastpage, lipsum, listings, makeidx, mathtools, multicol, multirow, palatino, paracol, setspace, standalone, tabularray, tabularx, verbatim, wrapfig, hyperref, geometry, xolor, tcolorbox, textpos, tikz, tkz-euclide, titlesec, eucal, mathdesign, inconsolata.

1 Introduction

This paper is a template for writing LaTeXpapers for MassBay Consulting, LLC and other audiences.

In this paper there are examples of all the useful things you can do with LaTeX. This document includes settings and examples for using the following packages: amsthm, appendix, array, booktabs, cancel, ccicons, comment, empheq, endnotes, enumitem, float, graphicx, indentfirst, lastpage, lipsum, listings, makeidx, mathtools, multicol, multirow, palatino, paracol, setspace, standalone, tabularray, tabularx, verbatim, wrapfig, hyperref, geometry, xolor, tcolorbox, textpos, tikz, tkz-euclide, titlesec, eucal, mathdesign, inconsolata.

1.1 The quick brown fox

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

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*The author wishes to thank poop.

†The authors also wish to thank their families.

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

2   This Section

In section 2 there are examples of the various types of lists[1]:

Item 1 header   This is item one... The quick brown fox jumps over the lazy dog.

Item 2 header   This is item two... The quick brown fox jumps over the lazy dog.

Item 3 header   This is item three... The quick brown fox jumps over the lazy dog.

1) **Item 1 header** — This is item one... The quick brown fox jumps over the lazy dog.

2) **Item 2 header** — This is item two... The quick brown fox jumps over the lazy dog.

3) **Item 3 header** — This is item three... The quick brown fox jumps over the lazy dog.

► **Item 1 header** — This is item one... The quick brown fox jumps over the lazy dog.

► **Item 2 header** — This is item two... The quick brown fox jumps over the lazy dog.

► **Item 3 header** — This is item three... The quick

[1]These correspond to the <dl>, <ol>, & HTML tags.

brown fox jumps over the lazy dog.

3   The Other Section

In section 3 there are examples of mathematics:

$$y = mx + b \qquad \text{Linear} \qquad (3.1)$$

$$f(x) = \int_{-\infty}^{+\infty} e^{i\theta} d\theta \qquad \text{Integral} \qquad (3.2)$$

$$z = 2^k - \binom{k}{1}2^{k-1} + \binom{k}{2}2^{k-2} \quad \text{Binomial} \quad (3.3)$$

4   The Code Section

```
1   # 34567890123456789012345678901234567890123456789012345678901234567890
2   #!/usr/local/env python3
3   def gcd(m, n):
4       """Return_GCD_of_m_and_n._GCD_is_defined_for_all_integers."""
5       return abs(m) if n == 0 else gcd(n, m % n)        # abs allows any integer
6
7   # https://en.wikipedia.org/wiki/Least_common_multiple
8   def lcm(m, n):
9       """Return_LCM_of_m_and_n._LCM_is_defined_for_all_integers."""
10      return 0 if m * n == 0 else abs(m // gcd(m, n) * n) # abs allows any integer
```

Listing 1: m4tacolor.py module

5   Conclusion

This last section provides a citation so that a bibliography is automatically included Kernighan and Ritchie, 1988, Eliot, 1871, & Davis, 2000.

References

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Clarence T. Fishburn   David C. Petty
<clarence.fishburn@gmail.com>   <dcp@massbay.consulting>   2021/07/16
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