

Learning LaTeX - a perilous journey

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The beginning

1 First document

Hello World!

2 Sections

2.1 Subsection

Structuring a document is easy!

2.1.1 Subsubsection

More text.

Paragraph Some more text.

Subparagraph blah blah blah

3 Packages

guh

$$f(x) = x + 1 * x^2$$

4 Math

Inline maths - $f(x) = \log(x)$, wow!

$$\begin{aligned} 1 + 2 &= 3 \\ 1 &= 3 - 2 \end{aligned}$$

$$\left(\frac{1}{\sqrt{x}}\right)$$

$$\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$$

5 Figures

Figure 1 shows a Solar.



(a) A solar.

(b) Another solar.

(c) Yet another solar.



(d) Too much solar.

Figure 1: The same Solar. two times.

6 Table of contents

7 BibTeX

Citation embedded in text:¹ Second citation embedded in text:²

¹DUMMY:1.

²WEBSITE:1.

Table 1: Dummy table

8 Footnotes

This is an example test referring to the footnote³. I'm referring to these dogs 3.

9 Tables

Value 1	Value2	Value 3
α	β	γ
1	2.35	3
	5.00	6
3	3.33	
1234		

Table 2: My first (second?) table.

10 Pgfplotstable

11 Code Listings

```

1 def hello_world():
2     print("Hello world!")

```

12 Hyperlinks

This is my link: Latex tutorial. This is my URL: <http://www.latex-tutorial.com> This is my email: obama@yahoo.com

13 Lists

- One
- Two
- Three

1. One
2. Two
3. Three

³Hello feet

Table 3: Landscape table.

Value 1 α	Value 2 β	Value 3 γ
1	1110.10	a
2	10.10	b
3	23.11	c

Table 4: Autogenerated table from .csv file.

- 1. One
 - Two
 - Three
 - (a) Four
- * Five
- a Six
- (i) One
- (ii) Two
- (iii) Three