

(g)ROOT

Language Reference Manual

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1 This is a section heading with number

This is a bullet list:

- Link to [Overleaf href](#)
- url example: <https://canvas.tufts.edu/>
- link to aanothel labeled section: [Hello World section](#)

This is a enumlist (default 1):

1. Inline code: `(val x 42)` example.
2. HELLO WORLD
3. Hello World
4. Hello World
5. This is **very Red**
6. This is [Bluey](#)

This is enumlist with alph bullets:

- a. $x^2 = y$
- b. $x = y$

2 Hello World

2.1 Hello Subsection example

This is how you include pictures:



Figure 1: Our little mascot

2.1.1 Basic Table: This doesn't appeear in contents

hrow1	hrow2	hrow3
This is right-aligned	This is centered	This is left aligned

\leftarrow	\Leftrightarrow	$\langle x + y \rangle$
\rightarrow	\Rightarrow	$ x $
\downarrow	\Downarrow	$\ x^2\ $
\leftrightarrow	\uparrow	$\left(\begin{array}{c} \text{cs107} \end{array} \right)$
ϵ	ρ	$\left[\begin{array}{c} \text{cs107} \end{array} \right]$
Σ	η	
μ	$\{ \}$	

2.2 Another hello subsection example

2.2.1 Coding environment without line numbers (default)

```
(val add
  (lambda (x y)
    (+ x y)))
```

2.2.2 Coding environment with line numbers (this can be made default)

```
1 (val add
2   (lambda (x y)
3     (+ x y)))
```

2.2.3 Code side-by-side

<pre>(val who (lambda (i am groot) #t))</pre>	<pre>(val were (lambda (senza) (> 3 0)))</pre>
--	--

3 Intro

[Ocaml LRM](#)

4 Lexical Convention

4.1 Blanks

4.2 Comments

4.3 Identifiers

4.4 Integer Literals

4.5 Boolean Literals

4.6 Character Literals

4.7 Operators

4.8 Keywords

5 Values

5.1 Base Values

5.2 Functions

6 Names

6.1 Base Values

6.2 Functions

7 Constants

8 Expressions