

# Environments

naiithink

## Contents

<b>1</b>	<b>Lists</b>	<b>1</b>
<b>2</b>	<b>Alignment</b>	<b>2</b>
<b>3</b>	<b>Quotes</b>	<b>3</b>
3.1	quote, quotation . . . . .	3
3.2	verse . . . . .	3
<b>4</b>	<b>Abstract</b>	<b>4</b>
<b>5</b>	<b>Printing Verbatim</b>	<b>5</b>
5.1	As a Block . . . . .	5
5.2	Interpolate . . . . .	5
<b>6</b>	<b>Tabulation</b>	<b>6</b>
6.1	Long Tables . . . . .	7

# 1 Lists

1. You can nest the list environments to your taste:

- But it might start to look silly.
- With a dash.

2. Therefore remember:

**Stupid** things will not become smart because they are in a list.

**Smart** things, though, can be presented beautifully in a list.

## 2 Alignment

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam lobortis facilisis sem. Nullam nec mi et neque pharetra sollicitudin. Praesent imperdiet mi nec ante. Donec ullamcorper, felis non sodales commodo, lectus velit ultrices augue, a dignissim nibh lectus placerat pede. Vivamus nunc nunc, molestie ut, ultricies vel, semper in, velit. Ut porttitor. Praesent in sapien. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis fringilla tristique neque. Sed interdum libero ut metus. Pellentesque placerat. Nam rutrum augue a leo. Morbi sed elit sit amet ante lobortis sollicitudin. Praesent blandit blandit mauris. Praesent lectus tellus, aliquet aliquam, luctus a, egestas a, turpis. Mauris lacinia lorem sit amet ipsum. Nunc quis urna dictum turpis accumsan semper.

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## 3 Quotes

### 3.1 `quote`, `quotation`

`quote`

A typographical rule of thumb for the line length is:

On average, no line should be longer than 66 characters.

This is why  $\text{\LaTeX}$  pages have such large borders by default and also why multicolumn print is used in newspapers.

`quotation`

The `quotation` environment is useful for longer quotes going over several paragraphs, because it indents the first line of each paragraph.

### 3.2 `verse`

I know only one English poem by heart. It is about Humpty Dumpty.

Humpty Dumpty sat on a wall:  
Humpty Dumpty had a great fall.  
All the King's horses and all the King's men  
Couldn't put Humpty together again.

## 4 Abstract

### Abstract

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam lobortis facilisis sem. Nullam nec mi et neque pharetra sollicitudin. Praesent imperdiet mi nec ante. Donec ullamcorper, felis non sodales commodo, lectus velit ultrices augue, a dignissim nibh lectus placerat pede. Vivamus nunc nunc, molestie ut, ultricies vel, semper in, velit. Ut porttitor. Praesent in sapien. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis fringilla tristique neque. Sed interdum libero ut metus. Pellentesque placerat. Nam rutrum augue a leo. Morbi sed elit sit amet ante lobortis sollicitudin. Praesent blandit blandit mauris. Praesent lectus tellus, aliquet aliquam, luctus a, egestas a, turpis. Mauris lacinia lorem sit amet ipsum. Nunc quis urna dictum turpis accumsan semper.

## 5 Printing Verbatim

The verbatim environment and the `\verb` command may not be used within parameters of other commands.

### 5.1 As a Block

```
#include <stdio.h>

int main(void)
{
    printf("hello, world\n");
    return 0;
}
```

**The \* version**

```
#include_<stdio.h>

int_main(void)
{
    printf("hello,_world\n");
    return_0;
}
```

### 5.2 Interpolate

Or within a paragraph eiei.

The + is just an example of a delimiter character.

Use any character except letters, \* or space. Many L<sup>A</sup>T<sub>E</sub>X examples in this booklet are typeset with this command.

**Also has a \* version**

```
like_this:-)_
```

## 6 Tabulation

`\begin{tabular}[pos]{table spec}`

`table spec`

`l` column of left-aligned text  
`r` right-aligned text  
`c` centered text  
`p{width}` column containing justified text with line breaks  
`|` vertical line

If the text in a column is too wide for the page, L<sup>A</sup>T<sub>E</sub>X won't automatically wrap it. Using `p{width}` you can define a special type of column which will wrap-around the text as in a normal paragraph.

### Simple Table

7C0	hexadecimal
3700	octal
11111000000	binary
1984	decimal

### Wrapping

Welcome to Boxy's paragraph. We sincerely hope you'll all enjoy the show.
--

### Leading Spaces

no leading space	leading space left and right
------------------	------------------------------

### Decimal Point

Pi expression	Value
$\pi$	3.1416
$\pi^\pi$	36.46
$(\pi^\pi)^\pi$	80662.7

### Column Labeling

Pi expression	Value	Ene	
$\pi$	3.1416	Mene	Muh!
$\pi^\pi$	36.46		
$(\pi^\pi)^\pi$	80662.7		

## 6.1 Long Tables