

# Environments

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## 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

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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

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## 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 Tabular

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

`table spec`

`l` for a column of left-aligned text

`r` for right-aligned text

`c` for centered text

`p{width}` for a column containing justified text with line breaks

`|` for a vertical line.

If the text in a column is too wide for the page,  $\text{\LaTeX}$  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.