

UCD School of Physics

Module Number and Title
Experiment Number: Experiment Name

Date: 23 October 2024

Name: Your Name

Lab Partners' Names: Name 1, Name 2

“This puts the paragraph in quotes. \LaTeX , \TeX are the two ways to write Latex.”

You can use a slash command to split the paragraphs and put everything in its own paragraph.

A subsection flush left.

This is the standard view of paragraph layout, with words not centred but actually coming from the left.

A subsection flush right.

The same can be done for the right side of the document when writing paragraphs, the same way you'd be able to do it with any writing program.

This is a section

First paragraph of a section which, as you can see, is not indented. This is more text in the paragraph. This is more text in the paragraph.

Second paragraph. As you can see it is indented. This is more text in the paragraph. This is more text in the paragraph.

Third paragraph. This too is not indented due to use of \noindent . This is more text in the paragraph. This is more text in the paragraph. The current value of \parindent is 20.0pt. This is more text in the paragraph.

you can also indent manually

A new paragraph with some text, then an \indent command. Next, some inline math which also has an indent $y \quad x$. \indent also works when used in an \hbox such as $\text{\hbox{A\indent B}}$ which produces A B.

Bold, Italics and Underline

This *italicises* the text. This **boldens** the text. This underlines the text.

Emphasis is not the same as the others. *In a fully italicised text emphasis becomes normal.* **And in a fully bold body *emphasis* is italic bold.** It depends on the context.

Lists

Lists are easy to create:

- List entries start with the `\item` command.
- Individual entries are indicated with a black dot, a so-called bullet.
- The text in the entries may be of any length.

Numbered (ordered) lists are easy to create:

1. Items are numbered automatically.
2. The numbers start at 1 with each use of the `enumerate` environment.
3. Another entry in the list

This is an entry *without* a label.

Something short A short one-line description.

Something long A much longer description. I'm not using the `blindtext` package because VSCode seems to not like it. So I am just typing random things and hoping the difference in using "description" is clearly visible, which is only really possible when you have a decently sized piece of text, hence why I am writing random nonsense. This is just a showcase, here are even some more words and I'll add some more while I am here and at it. It is very cold today because there will be a storm tomorrow, it is provisioned to be very windy.

Change the labels using `\item[label text]` in an `itemize` environment

- This is my first point
- Another point I want to make
- ! A point to exclaim something!

NOTE This entry has no bullet

A blank label?

Change the labels using `\item[label text]` in an `enumerate` environment

1. This is my first point
2. Another point I want to make
- ! A point to exclaim something!

NOTE This entry has no bullet

A blank label?

Nested Lists

1. The labels consists of sequential numbers
 - The individual entries are indicated with a black dot, a so-called bullet
 - The text in the entries may be of any length
 - Note:** I would like to describe something here
 - Caveat!** And give a warning here
2. The numbers starts at 1 with each use of the `enumerate` environment
 1. First level item
 2. First level item
 - (a) Second level item
 - (b) Second level item
 - i. Third level item
 - ii. Third level item
 - A. Fourth level item
 - B. Fourth level item
- First level item
- First level item
 - Second level item
 - Second level item
 - * Third level item
 - * Third level item
 - Fourth level item
 - Fourth level item

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University College Dublin
An Coláiste Ollscoile, Baile Átha Cliath

Figure 1: UCD Logo Image

Tables

cell1	cell2	cell3
cell4	cell5	cell6
cell7	cell8	cell9

cell1	cell2	cell3
cell4	cell5	cell6
cell7	cell8	cell9

Col1	Col2	Col2	Col3
1	6	87837	787
2	7	78	5415
3	545	778	7507
4	545	18744	7560
5	88	788	6344

cell1 dummy text dummy text dummy text	cell2	cell3
cell1 dummy text dummy text dummy text	cell5	cell6
cell7	cell8	cell9