Lecture Notes for Course Name

Academic Year 2024-2025

Your Name

All my contents

1 First section

1.1 First subsection

1.1.1 First subsubsection

1.1.1.1 First subsubsubsection

2 Second section

2.1 Second subsection

2.1.1 Second subsubsection

2.1.1.1 Second subsubsubsection

This is sooo ocoool

1 test

hah	ich
1	1 101

“ich bin **toll**”

$$ \begin{aligned} \frac{1}{2} \end{aligned} $$

2 This is an H1

2.1 This is an H2

2.1.1 This is an H3

2.1.1.1 This is an H4

2.1.1.1.1 This is an H5

2.1.1.1.1.1 This is an H6

This is a text paragraph containing an ellipsis ... and followed by a thematic break.

This is inline `code`. This is a link[1]. *This is an* emphasized *span of text*. **This is a strongly emphasized span of text**.

Figure 2.1 An example image from Martin Scharrer's mwe package

/scientists.csv (The great minds of the 19th century rendered via a content block)
This is a fenced code block:

```
\documentclass{article}
\begin{document}
  Hello world!
\end{document}
```

This is a table:

[1] Google: <http://google.cz>

This is an H2

Right	Left	Default	Center
12	12	12	12
123	123	123	123
1	1	1	1

: Demonstration of pipe table syntax.
This is a bullet list:

- The first item of a bullet list,
- the second item of a bullet list,
- the third item of a bullet list.

This is a compact bullet list:

- The first item of a bullet list,
- the second item of a bullet list,
- the third item of a bullet list.

This is an ordered list:

5. The first item of an ordered list,
6. the second item of an ordered list,
7. the third item of an ordered list.

This is a fancy ordered list:
e) The first item of an ordered list,
f) the second item of an ordered list,
g) the third item of an ordered list.
This is an ordered list using hash enumerators:
#. The first item of an ordered list,
#. the second item of an ordered list,
#. the third item of an ordered list.
This is a compact ordered list:

5. The first item of an ordered list,
6. the second item of an ordered list,
7. the third item of an ordered list.

This is a compact ordered list using hash enumerators:
#. The first item of an ordered list, #. the second item of an ordered list, #. the third item of an ordered list.
This is a compact fancy ordered list using hash enumerators:

This is an H2

#) The first item of an ordered list, #) the second item of an ordered list, #) the third item of an ordered list.
This is a task list:

- Some unfinished task
- Some half-finished task
- Some finished task
- An item of an unordered list #. [ ] Some unfinished subtask #. [.] Some half-finished subtask #. [x] Some finished subtask #. An item of an ordered list

This is a definition list:
Term 1
: Definition 1 with some ~~removed text~~
Term 2
: Definition 2

```
    Some code, part of Definition 2

Third paragraph of Definition 2.
```

: Definition 3
This is a compact definition list:
Term 1 : Definition 1 Term 2 : Definition 2 : Definition 3
This is a ^superscript^ and a ~subscript~.
This is a block quote:
> "This is the first level of quoting.
>
> > "This is nested blockquote."
>
> Back to the first level."

Here is a note reference[^1] and another.[^longnote] Here is an inline note.^[Inlines notes are easier to write, since you don't have to pick an identifier and move down to type the note.]
[^1]: Here is the note.
[^longnote]: Here's one with multiple blocks.

```
Subsequent paragraphs are indented to show that they
```

belong to the previous note.

```
    Some code

The whole paragraph can be indented, or just the first
line.  In this way, multi-paragraph notes work like
multi-paragraph list items.
```

This is raw \TeX{=tex} code:

```
$$ x^n + y^n = z^n $$
```

This is an H2

| this is a line block that | spans multiple | even discontinuous | lines
This is inline and display TeX math created using dollars signs:
$E=mc^2$
$$E=mc^2$$
This is inline and display TeX math created using single backslashes:
(E=mc^2)
[E=mc^2]
This is inline and display TeX math created using double backslashes:
\(E=mc^2\)
\[E=mc^2\]