

# TDT4195 Exercise X

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## 1 Heading

### 1.1 Subheading

#### 1.1.1 Subsubheading

This is a paragraph. This is the same paragraph.

This is a new paragraph, with *italic*, **bold**, and `inline code` formatting. It is possible to use special classes to format text: THIS IS A TEST.

```
//this is a code block with rust syntax highlighting
println!("Hello, {}", 42);
```

This<sup>1</sup> is a link. This<sup>2</sup> is also a link. This<sup>3</sup> is a footnote. This<sup>4</sup> is also a footnote.

- This
- is
- a
- unordered
- list

1. This
2. is
3. a
4. ordered
5. list
  - a. with
  - b. sub
  - c. list

with multiple paragraphs

This is still on the first page

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<sup>1</sup><https://www.ntnu.no>

<sup>2</sup><https://www.uio.no>

<sup>3</sup>In footnotes you can write anything tangentially related.

<sup>4</sup>Footnotes can also be written inline

This is on the second page

- i) Roman ordered list
- ii) Roman ordered list
- iii) Roman ordered list

**This** is a definition

this is a block quote

This is a paragraph with *inline* L<sup>A</sup>T<sub>E</sub>X style math:  $\frac{1}{2}$ . Below is a math *block*:

$$\int_a^b f(x)dx$$

Table 1: This is a table caption

| This | is | a | table |
|------|----|---|-------|
| 1    | 2  | 3 | 4     |
| 5    | 6  | 7 | 8     |



This is an inline image with a fixed height:

Below is a *figure* (i.e. an image with a caption). It floats and may as a result move to a different page depending on the layout.



Figure 1: Image with caption

Enable and use the `pandoc-crossref` filter to reference figures, tables and equations.