

A little LaTeX document

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Chapter 1

First tests

Wowsa, the title gets generated just from the metadata. Cool.

1.1 Basic formatting

We can do **bold text**, underlined text, and *italic text*.

1.2 Emphasis

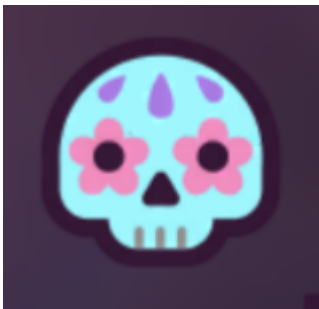
”Emphasis” is useful when nested inside bold / italic text:

Some words *and emphasis* within a sentence.

Some words and emphasis *within a sentence*.

Some words *and emphasis* within a sentence.

1.3 Images



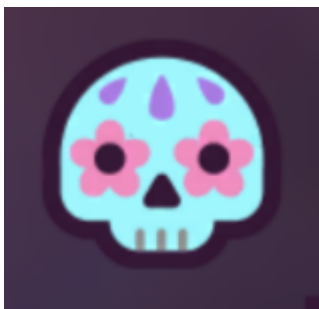


Figure 1.1: A cute skull!

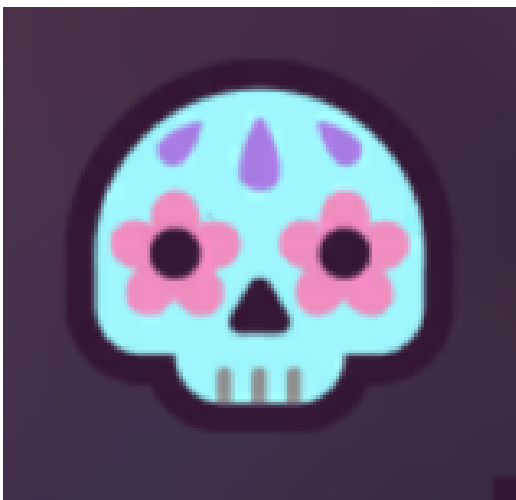


Figure 1.2: A cute skull!

1.4 Lists

- Here's one list item
 - Here's another
 - Basically the same as ul and li
1. Ordered this time
 2. Very cool
 3. Same as ol and li

1.5 Maths

1.5.1 Inline maths (3 variants)

$E = mc^2$ is typeset in a paragraph using inline math mode—as is $E = mc^2$, and so too is $E = mc^2$.

1.5.2 Display maths (2 variants)

The mass-energy equivalence is described by the famous equation

$$E = mc^2$$

discovered in 1905 by Albert Einstein.

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$$E = mc^2 \tag{1.1}$$

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1.5.3 Detailed maths

Subscripts and superscripts:

$$T_{j_1 j_2 \dots j_q}^{i_1 i_2 \dots i_p} = T(x^{i_1}, \dots, x^{i_p}, e_{j_1}, \dots, e_{j_q})$$

Random symbols:

$$\omega \delta \Omega \Delta \sin \cos \tan$$