## LATEX example

Hello

same world

(1) words can be:

 $\bullet$  small (footnote size) <sup>1</sup>

• big (Large)

(2) I can create hyperlinks to websites like Google or to other locations in my document (e.g., "more on that topic later").

(3) I use array for stuff like this:

$$\tan\left(-\frac{11\pi}{6}\right) = \tan\frac{\pi}{6} \quad \text{since} - \frac{11\pi}{6} \text{ and } \frac{\pi}{6} \text{ are coterminal}$$

$$= \frac{\sin\frac{\pi}{6}}{\cos\frac{\pi}{6}}$$

$$= \frac{\frac{1}{2}}{\frac{\sqrt{3}}{2}}$$

$$= \frac{1}{\sqrt{3}} \quad \text{since multiplying by } \frac{2}{2} \text{ is legal}$$

(4) and tabular for stuff like this:

Lorem	ipsum	dolor
§	$\mathbb Z$	\$

(5) second first



 $^1{\rm speaking}$  of footnotes...

Here are those details I promised earlier.