# SSC 335: demo

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### today

### 1 This is a section

This is a test document, used in [2]. It contains a discussion in section 2.

Exercise 1. Left to the reader.

Exercise 2. Also left to the reader, just like in exercise 1

**Theorem 1** This is cool.

This is a formula:  $a \Leftarrow b$ .

$$x_i \leftarrow y_{ij} \cdot x_i^{(k)} \tag{1}$$

Text:  $\int_0^1 \sqrt{x} dx$ 

$$x_i \leftarrow y_{ij} \cdot x_j^{(k)}$$
$$\int_0^1 \sqrt{x} \, dx$$

### 2 This is another section

one	value
another	values

Table 1: This is the only table in my demo

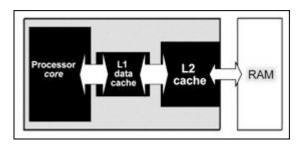


Figure 1: this is the only figure

As I showed in the introductory section 1, in the paper [1], it was shown that equation (1)

• There is an item.