Procedure find(a)

1 dfgdg;
2 sdffdsffs;

Function find(a)

1 **if** a **then**
2 | b
3 **end**

Algorithm 1: sdfs

1 sfdsf;
2 sdfsfsdf;

Algorithm 2: How to write algorithms

Data: this text

Result: how to write algorithm with LaTeX2e

1 initialization;

2 **while** *not at end of this document* **do**

3   read current;

4   **if** *understand* **then**

5   go to next section;

6   current section becomes this one;

7   **else**

8   go back to the beginning of current section;

9   **end**

10 **end**