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

Algorithm 1: How to write algorithms