**Procedure** find(a)

1 dfgdg;
2 sdffdsffs;

**Function** find(a)

3 **if** $a$ **then**
4 $\quad\mid\quad$ b
5 **end**

**Algorithm 1:** sdfs

6 sfdsf;
7 sdfsfsdf;

---
**Algorithm 2:** How to write algorithms

---
**Data**: this text
**Result**: how to write algorithm with LaTeX2e
**8** initialization;
**9** **while** *not at end of this document* **do**
**10**    read current;
**11**    **if** *understand* **then**
**12**      go to next section;
**13**      current section becomes this one;
**14**    **else**
**15**      go back to the beginning of current section;
**16**    **end**
**17** **end**

---

---
**Data**: this text
**Result**: how to write algorithm with LaTeX2e
**18** initialization;

---
**Procedure** find(a)

---
**1** dfgdg;
**2** sdffdsffs;

---
**Procedure** gets(a)

---
**3** dfgdg;
**4** sdffdsffs;

---

Figure 1: test