**Algorithm ۱:** این یک الگوریتم تست است.

**Data**: this text
**Result**: how to write algorithm with LaTeX 2e
initialization:
**while** *not at end of this document* **do**
    read current:
    **if** *understand* **then**
        go to next section:
        current section becomes this one:
    **else**
        go back to the beginning of current section: