

第十章作业:

Write pseudocode to input 10 positive numbers and find the total and the average.

- 5 The temperature in an apartment must be kept between 18°C and 20°C. If the temperature reaches 22°C then the fan is switched on; if the temperature reaches 16°C then the heater is switched on, otherwise the fan and the heaters are switched off.

The following library routines are available:

- GetTemperature

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- FanOn
 - FanOff
 - HeaterOn
 - HeaterOff

Write an algorithm, using pseudocode or a flowchart, to keep the temperature at the right level.

- 9 5000 numbers are being input which should have either one digit (e.g. 5), two digits (e.g. 36), three digits (e.g. 149) or four digits (e.g. 8567).

Write an algorithm, using pseudocode or a flowchart only, which

- inputs 5000 numbers
- outputs how many numbers had one digit, two digits, three digits and four digits
- outputs the percentage of numbers which were outside the range.