

Pseudocode

Pseudocode is a semiformal description of the steps to be carried out by the computer, including steps that are to be repeated and decisions that are to be made. There is more than one way of writing an algorithm in pseudocode.

Convention for Writing Pseudocode

1. Summations and counters must be initialized to zero, and other variables that require initial values must also be initialized.
2. Assignment of values is shown by an arrow pointing to the left.
3. The beginning and the end of any selected calculation is indicated as well as the basis for including or excluding it.
4. The beginning and the end of any repetition is indicated, as well as the basis for continuing and/or stopping the repetition.
5. Conditional steps and repetition steps are indented.
6. Either words or arithmetic operations may be used for arithmetic.
7. The algorithm termination must be clearly indicated.