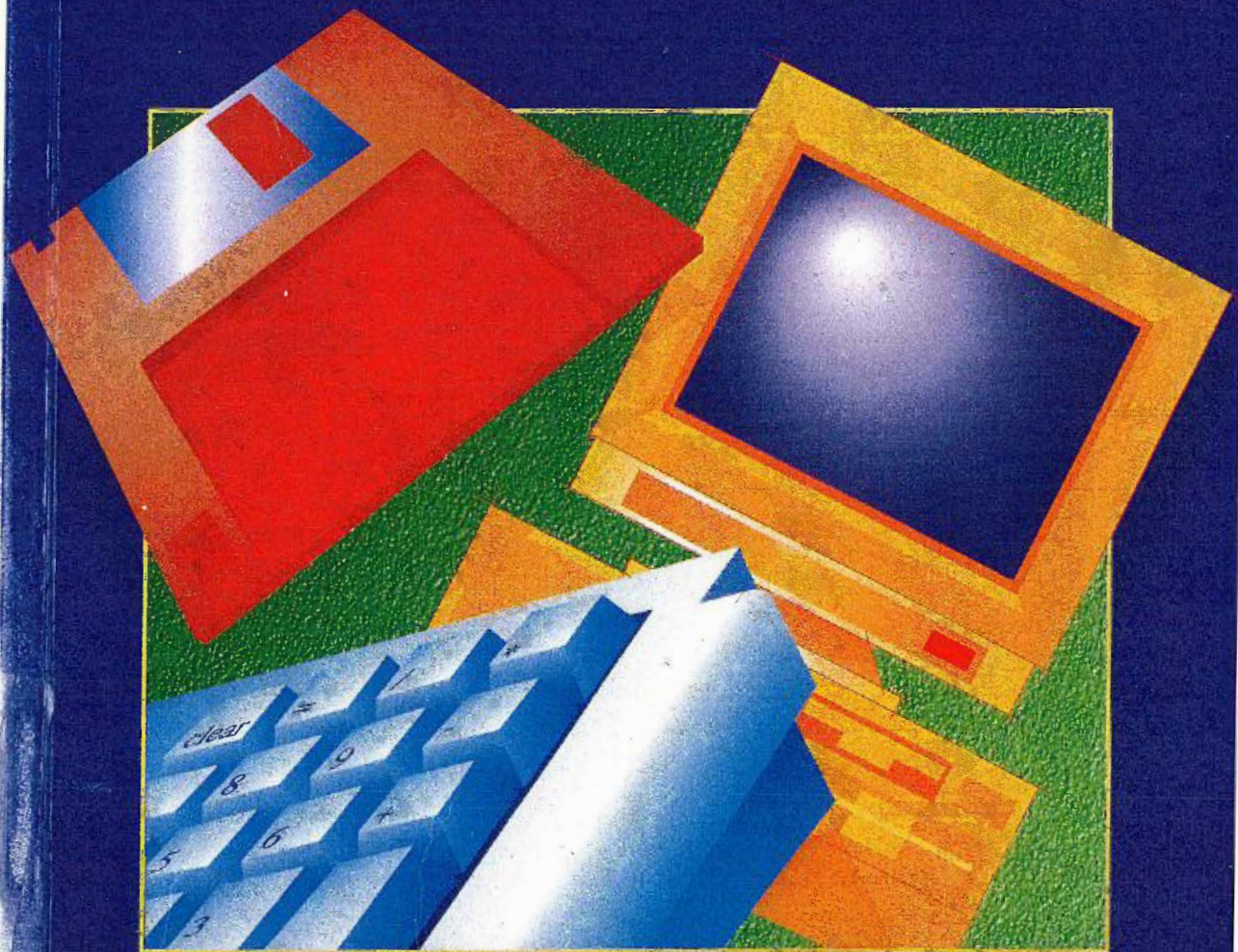




Peter Collin Publishing

DICTIONARY OF COMPUTING

FOURTH EDITION



Petitioner has added romanettes to pages (i)-(iii). Otherwise, it leaves the original page numbering.

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FOURTH EDITION

S.M.H. Collin

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processor to its address; when finished it returns to the instruction after the call instruction in the main program

subscribe *verb* to add your name to a mailing list or listserv list so that you will receive any messages for the group

subscriber *noun* (i) person who has a telephone; (ii) person who pays for access to a service such as a BBS

subscript *noun* small character which is printed below the line of other characters; *see also* SUPERScript (NOTE: used in chemical formulae: CO₂)

subscripted variable *noun* element in an array, which is identified by a subscript

subsegment *noun* small section of a segment

subset *noun* small set of data items which forms part of a another larger set

substitute *verb* to put something in the place of something else (NOTE: you substitute one thing **for** another)

substitute character *noun* character which is displayed if a received character is not recognized

substitution *noun* replacing something by something else; **substitution error** = error made by a scanner which mistakes one character *or* letter for another; **substitution table** = list of characters *or* codes which are to be inserted instead of received codes

substrate *noun* base material on which an integrated circuit is constructed; *see also* INTEGRATED CIRCUIT

subsystem *noun* one smaller part of a large system

subtraction *noun* taking one number away from another

subtrahend *noun* in a subtraction operation, the number to be subtracted from the minuend

sub-woofer *noun* large loudspeaker that can reproduce very low frequency sounds (normally with frequencies between 20 to 100Hz) that is used with normal loudspeakers to enhance the overall sound quality

successive *adjective* which follow one after the other; *each successive operation adds further characters to the string*

suffix notation *noun* mathematical operations written in a logical way, so that the symbol appears after the numbers to be acted upon; *see also* POSTFIX NOTATION

suitcase *noun* (in the Apple Macintosh environment) icon which contains a screen font and allows fonts to be easily installed onto the system

suite of programs *noun* (i) group of programs which run one after the other; (ii) number of programs used for a particular task; *the word-processing system uses a suite of three programs, editor, spelling checker and printing controller*

sum *noun* total of a number of items added together

summation check *noun* error detection check performed by adding together the characters received and comparing with the required total

Sun Microsystems *company* that developed the Java programming system used to extend Web pages

super- *prefix* meaning very good *or* very powerful; **super bit mapping (SBM)** = extension to the Red Book CD-Audio specification in which studio-quality 20-bit sound samples are stored in the 16-bit data format used by CD-Audio; **supercomputer** = very powerful mainframe computer used for high speed mathematical tasks; **super large scale integration (SLSI)** = integrated circuit with more than 100,000 components; **super VGA (SVGA)** = enhancement to the standard VGA graphics display system which allows resolutions of up to 800x600pixels with 16million colours

superimpose *verb* to place something on top of something else

superior number *noun* superscript figure

superscript *noun* small character printed higher than the normal line of characters; *compare* SUBSCRIPT (NOTE: used often in mathematics: 10⁵ say: ten to the power five)

supersede *verb* to take the place of something which is older *or* less useful; *the new program supersedes the earlier one, and is much faster*

supervise *verb* to watch carefully to see if work is well done; *the manufacture of circuit boards is very carefully supervised*