

Query ID: test194

Query Text: what is the function of the semicolon in a c statement

**Retrieved Documents:**

1	doc7106	Semicolon. In computer programming, the semicolon is often used to separate multiple statements (for example, in Perl, Pascal, PL/I, and SQL; see Pascal: Semicolons as statement separators). In other
0	doc1377678	Pointer (computer programming). The code below illustrates how memory objects are dynamically deallocated, i.e., returned to the heap or free store. The standard C library provides the function free()
0	doc1027606	Recursion (computer science). This distinction is important in proving termination of a function.
0	doc1384572	Entry point. Alternatively, execution of a program can begin at a named point, either with a conventional name defined by the programming language or operating system, or at a caller-specified name. I
0	doc2267946	Business letter. Business letters conform to generally one of six indentation formats: standard, open, block, semi-block, modified block, and modified semi-block. Put simply, "semi-" means that the fi
0	doc1640559	C preprocessor. Many compilers define additional, non-standard macros, although these are often poorly documented. A common reference for these macros is the Pre-defined C/C++ Compiler Macros project,
0	doc2474947	C++ classes. In addition to the operators specified above, the arrow operator (->), the starred arrow (->*), the new keyword and the delete keyword can also be overloaded. These memory-or-pointer-rela
0	doc1106013	C data types. Information about the actual properties, such as size, of the basic arithmetic types, is provided via macro constants in two headers: <limits.h> header (climits header in C++) defines ma
0	doc2116929	CD4. The short cytoplasmic/intracellular tail (C) of CD4 contains a special sequence of amino acids that allow it to recruit and interact with the tyrosine kinase Lck.
0	doc2221585	Statcoulomb. The symbol "a" is used instead of "=" because the two sides are not necessarily interchangeable, as discussed below. The number 2997924580 is 10 times the value of the speed of light ex
0	doc1467460	Dash. The figure dash is used within numbers (e.g. phone number 555a0199), especially in columns for maintaining alignment. Its meaning is the same as a hyphen, as represented by the hyphen-minus gl
0	doc954897	Constant (computer programming). In assembly language, literal numbers and characters are done using the "immediate mode" instructions available on most microprocessors. The name "immediate" comes fro
0	doc979522	Compiler. Some language specifications spell out that implementations must include a compilation facility; for example, Common Lisp. However, there is nothing inherent in the definition of Common Lisp
0	doc1701639	Term symbol. Alternatively, parity may be indicated with a subscript letter "g" or "u", standing for gerade (German for "even") or ungerade ("odd"):
0	doc1647934	Function (mathematics). It is possible to draw effectively the graph of a function only if the function is sufficiently regular, that is, either if the function is differentiable (or piecewise differe
0	doc1467487	Dash. In this use, it is sometimes doubled:
0	doc1866060	Statement (logic). In logic, the term statement is variously understood to mean either:
0	doc716632	Check (chess). In algebraic chess notation, a checking move is recorded like any other move, except that a "+" is normally written after the move.
0	doc1109708	Sequence alignment. Alignments are commonly represented both graphically and in text format. In almost all sequence alignment representations, sequences are written in rows arranged so that aligned re
0	doc795972	Crossword. French-language crosswords are smaller than English-language ones, and not necessarily square: there are usually 813 rows and columns, totaling 81130 squares. They need not be symmetric a

0	doc1574321	Procedure word. This is Echo Golf niner three, Echo Golf niner three, Echo Golf niner three.
0	doc1278705	Code-division multiple access. If sender0 has code (1, a1) and data (1, 0, 1, 1), and sender1 has code (1, 1) and data (0, 0, 1, 1), and both senders transmit simultaneously, then this table describ
0	doc1364170	Functional programming. Printing first 10 Fibonacci numbers, functional expression style
0	doc119344	Catalysis. $X + C \rightleftharpoons XC$
0	doc314935	C-reactive protein. Acute phase response occurs as a result of a rise in the concentration of IL-6, which is produced by macrophages[6] as well as adipocytes[7] in response to a wide range of acute an
0	doc1200687	Control flow. The terminology for subroutines varies; they may alternatively be known as routines, procedures, functions (especially if they return results) or methods (especially if they belong to cl
0	doc2660296	Hard and soft C. There are several cases in English in which hard and soft c alternate with the addition of suffixes as in critic/criticism and electric/electricity (electrician has a soft c pronu
0	doc1036832	Floating-point unit. A floating-point unit (FPU, colloquially a math coprocessor) is a part of a computer system specially designed to carry out operations on floating point numbers.[1] Typical operat
0	doc1457095	Cuneiform script. pA=BA
0	doc2628513	Reduced instruction set computer. Since many real-world programs spend most of their time executing simple operations, some researchers decided to focus on making those operations as fast as possible.
0	doc803295	Damping ratio. where C and s are both complex constants. That approach assumes a solution that is oscillatory and/or decaying exponentially. Using it in the ODE gives a condition on the frequency of t
0	doc1928788	Creativity. The contrast of terms "Big C" and "Little c" has been widely used. Kozbelt, Beghetto and Runco use a little-c/Big-C model to review major theories of creativity.[26] Margaret Boden disting
0	doc2123348	Criminal procedure in South Africa. The CJA works parallel with the CPA. This can be confusing, as one needs to keep both Acts open whenever there is a child involved in the criminal justice system.
0	doc1901383	Complement (linguistics). 'Very soon that star will be in the ascendant.' <sup>[3]</sup>
0	doc2388232	AltGr key. Note that many of these symbols can also be entered using dead keys; for example A can be entered with " followed by a.
0	doc1043468	Paging. Although the processor in this example cannot address RAM beyond 4A GB, the operating system may provide services to programs that envision a larger memory, such as files that can grow beyond
0	doc1004380	Caesar and Cleopatra (play). Act I opens with Cleopatra sleeping between the paws of a Sphinx. Caesar, wandering lonely in the desert night, comes upon the sphinx and speaks to it profoundly. Cleopatr
0	doc2049632	University of North Carolina. The legal authority and mandate for the University of North Carolina is contained in the State's first Constitution (1776), <sup>[7]</sup> which provided in Article XLI
0	doc2317336	Feasible region. Constraint satisfaction is the process of finding a point in the feasible region.
0	doc2488015	Pascal (programming language). Software products (compilers, and Interactive/Rapid Development Environments with compilers, in this category:
0	doc528685	Logic gate. A third style of symbols was in use in Europe and is still widely used in European academia. See the column "DIN 40700" in the table in the German Wikipedia.
0	doc1371159	Pseudocode. No standard for pseudocode syntax exists, as a program in pseudocode is not an executable program. Pseudocode resembles, but should not be confused with, skeleton programs which can be com
0	doc849013	ARPANET. Sutherland and Taylor continued their interest in creating the network, in part, to allow ARPA-sponsored researchers at various corporate and academic locales to utilize computers provided by
0	doc49788	USS Enterprise (NCC-1701). Star Trek IV: The Voyage Home (1986) opens with Kirk and his officers agreeing to return to Earth to face judgment for their actions in the previous film. En route (in the K

0	doc749908	Set operations (SQL). The SQL EXCEPT operator takes the distinct rows of one query and returns the rows that do not appear in a second result set. The EXCEPT ALL operator does not remove duplicates. F
0	doc644213	Postulates of special relativity. 2. Second Postulate (Invariance of c)
0	doc996840	Monosaccharide. In the Fischer projection, the D- and L- prefixes specifies the configuration at the carbon atom that is second from bottom: D- if the hydroxyl is on the right side, and L- if it is on
0	doc46848	Canadian Charter of Rights and Freedoms. Various provisions help to clarify how the Charter works in practice. These include,
0	doc1764671	Chartered Financial Analyst. The curriculum includes the more fundamental corporate finance topicscapital investment decisions, capital structure policy, and dividend policyas well as advanced topic
0	doc2052013	ReedSolomon error correction. $A_i(x) = I(x)$
0	doc867994	UNIVAC I. The UNIVAC I (Universal Automatic Computer I) was the first commercial computer produced in the United States.[1] It was designed principally by J. Presper Eckert and John Mauchly, the inven
0	doc904342	Extracellular fluid. The internal environment is stabilised in the process of homeostasis. Complex homeostatic mechanisms operate to regulate and keep the composition of the ECF stable. Individual cel
0	doc1608150	Shell script. A key feature of shell scripts is that the invocation of their interpreters is handled as a core operating system feature. So rather than a user's shell only being able to execute script
0	doc643973	Leisure (poem). The poem was mis-quoted, by the KGB, in a 1991 secret message to their spy inside the FBI, Robert Hanssen.
0	doc1568766	Two-phase locking. The common interactions between these lock types are defined by blocking behavior as follows:
0	doc1134482	Kidney. $Cx=(Ux)V/Px$
0	doc1713620	Hash function. Hash functions are an essential ingredient of the Bloom filter, a space-efficient probabilistic data structure that is used to test whether an element is a member of a set.
0	doc2267943	Business letter. No special character or font formatting is used, except for the subject line, which is usually underlined.
0	doc1420740	Samsung. Samsung C&T Corporation is listed on the Korea Exchange stock-exchange (000830).
0	doc860325	Tab key. Initially tab stops were set by adding and removing clips from the tab rack, but Edward Hess working for the Royal Typewriter Company filed for a patent in 1904 covering a system where the ta

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