

Absolute Java 5th Edition Solutions Manual

Spreadsheet

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A spreadsheet is a computer application for computation, organization, analysis and storage of data in tabular form. Spreadsheets were developed as computerized analogs of paper accounting worksheets. The program operates on data entered in cells of a table. Each cell may contain either numeric or text data, or the results of formulas that automatically calculate and display a value based on the contents of other cells. The term spreadsheet may also refer to one such electronic document.

Spreadsheet users can adjust any stored value and observe the effects on calculated values. This makes the spreadsheet useful for "what-if" analysis since many cases can be rapidly investigated without manual recalculation. Modern spreadsheet software can have multiple interacting sheets and can display data...

0

confusion between 0- and 1-based indexing; for example, Java's JDBC indexes parameters from 1 although Java itself uses 0-based indexing. In C, a byte containing

0 (zero) is a number representing an empty quantity. Adding (or subtracting) 0 to any number leaves that number unchanged; in mathematical terminology, 0 is the additive identity of the integers, rational numbers, real numbers, and complex numbers, as well as other algebraic structures. Multiplying any number by 0 results in 0, and consequently division by zero has no meaning in arithmetic.

As a numerical digit, 0 plays a crucial role in decimal notation: it indicates that the power of ten corresponding to the place containing a 0 does not contribute to the total. For example, "205" in decimal means two hundreds, no tens, and five ones. The same principle applies in place-value notations that uses a base other than ten, such as binary and hexadecimal. The modern use of 0 in this manner derives...

Natural logarithm

George B. Thomas, Jr and Ross L. Finney, Calculus and Analytic Geometry, 5th edition, Addison-Wesley 1979, Section 6-5 pages 305-306. Sloane, N. J. A. (ed

The natural logarithm of a number is its logarithm to the base of the mathematical constant e , which is an irrational and transcendental number approximately equal to 2.718281828459. The natural logarithm of x is generally written as $\ln x$, $\log_e x$, or sometimes, if the base e is implicit, simply $\log x$. Parentheses are sometimes added for clarity, giving $\ln(x)$, $\log_e(x)$, or $\log(x)$. This is done particularly when the argument to the logarithm is not a single symbol, so as to prevent ambiguity.

The natural logarithm of x is the power to which e would have to be raised to equal x . For example, $\ln 7.5$ is 2.0149..., because $e^{2.0149...} = 7.5$. The natural logarithm of e itself, $\ln e$, is 1, because $e^1 = e$, while the natural logarithm of 1 is 0, since $e^0 = 1$.

The natural logarithm can be defined for any...

List of Indian inventions and discoveries

Niehoff, Arthur H. (1971). Introducing Social Change: A Manual for Community Development (second edition). New Jersey: Aldine Transaction. ISBN 0-202-01072-4

This list of Indian inventions and discoveries details the inventions, scientific discoveries and contributions of India, including those from the historic Indian subcontinent and the modern-day Republic of India. It draws from the whole cultural and technological

of India|cartography, metallurgy, logic, mathematics, metrology and mineralogy were among the branches of study pursued by its scholars. During recent times science and technology in the Republic of India has also focused on automobile engineering, information technology, communications as well as research into space and polar technology.

For the purpose of this list, the inventions are regarded as technological firsts developed within territory of India, as such does not include foreign technologies which India acquired through...

Floating-point arithmetic

usage to that typically defined in programming languages such as a C++ or Java, in which an "exception" is an alternative flow of control, closer to what

In computing, floating-point arithmetic (FP) is arithmetic on subsets of real numbers formed by a significand (a signed sequence of a fixed number of digits in some base) multiplied by an integer power of that base.

Numbers of this form are called floating-point numbers.

For example, the number 2469/200 is a floating-point number in base ten with five digits:

2469

/

200

=

12.345

=

12345

□

significand

×

10

□

base...

Capacitor

Winburn (1989). Practical Laser Safety, Second Edition. CRC Press. p. 189. ISBN 978-0-82478240-5. Robinson's Manual of Radio Telegraphy and Telephony by S.S

In electrical engineering, a capacitor is a device that stores electrical energy by accumulating electric charges on two closely spaced surfaces that are insulated from each other. The capacitor was originally known as the condenser, a term still encountered in a few compound names, such as the condenser microphone. It is a passive electronic component with two terminals.

The utility of a capacitor depends on its capacitance. While some capacitance exists between any two

electrical conductors in proximity in a circuit, a capacitor is a component designed specifically to add capacitance to some part of the circuit.

The physical form and construction of practical capacitors vary widely and many types of capacitor are in common use. Most capacitors contain at least two electrical conductors, often...

1610s

founded. Sultan Agung of Mataram takes the throne of the kingdom of Mataram in Java. Near Jamestown, Virginia, Sir Thomas Dale starts a settlement called Bermuda

The 1610s decade ran from January 1, 1610, to December 31, 1619.

Wikipedia:WikiProject JavaScript/Reference library

Beginning JavaScript, 5th-edition, Jeremy McPeak and Paul Winton, John Wiley & Sons, 2015, ISBN 978-1-118-90374-2 JavaScript Absolute Beginner's Guide, Kirupa

Welcome to the WikiProject JavaScript Reference library of magazines, books, websites, and other publications. It is intended to help editors find knowledge published in reliable sources about JavaScript, its various components, and programs written in JavaScript.

Wikipedia:Suggestions for disambiguation repair/A8

links: Doxia pipes as "Almost Plain Text"; Java (programming language) pipes as "Java programming language"; Java annotation pipes as "annotation"; Partial

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To learn more about how disambiguation pages should be formatted, please see Wikipedia:Manual of Style (disambiguation pages).

Wikipedia:Unusual articles

subjects meeting the criteria above. This definition is not precise or absolute; some articles could still be considered unusual even if they do not fit

Of the over seven million articles in the English Wikipedia there are some articles that Wikipedians have identified as being somewhat unusual. These articles are verifiable, valuable contributions to the encyclopedia, but are a bit odd, whimsical, or something one would not expect to find in Encyclopædia Britannica. We should take special care to meet the highest standards of an encyclopedia with these articles lest they make Wikipedia appear idiosyncratic. If you wish to add an article to this list, the article in question should preferably meet one or more of these criteria:

The article is something a reasonable person would not expect to find in a standard encyclopedia.

The subject is a highly unusual or ironic combination of concepts, such as cosmic latte, death from laughter, etc.

The...

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