

Be sure to check out our new [Blogs](#) and discover all the new Free Training!



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## Newsletter for Computer IT Education, Training & Tutorial Resources

**\*\*\* ISSUE #77 - March 2008 \*\*\***

**[Intelligentedu.com](http://Intelligentedu.com)**

**formerly [www.intelinfo.com](http://www.intelinfo.com)  
Please Update Your Bookmarks & Web Links!**

This Newsletter is only sent to its subscribers  
and is available on the web at  
[Intelligentedu.com/newsletter77.html](http://Intelligentedu.com/newsletter77.html)

Newsletter Archives are here:  
[Intelligentedu.com/newsletter.html](http://Intelligentedu.com/newsletter.html)

Subscribe instructions are [at the end](#).

Please forward this newsletter to all your friends  
and associates who might be interested!

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## **1) Editor's Greeting:**

Hello everyone, and welcome to our new subscribers!

This is the March 2008 issue (#77) of our free monthly newsletter for Computer IT Education, Training, & Tutorial Resources providing you with the latest Free online IT Training Resources that we have recently discovered and researched. This newsletter is free to anyone subscribing ([instructions](#) at bottom, no username/password is needed). To access our member site, however, you do need a user name and password - registering as a member of [Intelligentedu.com](http://Intelligentedu.com) costs \$15 for two months, for more information please see [Become a Member of Intelligentedu.com](#).

My desire is that these free resources will help you with your computer education and training and are tools to advance your IT career. Our main mission is the training of those less fortunate who are seeking to become computer literate, both technically and from a user's perspective.

In this issue we describe and link to a total of 68 computer, IT and programming learning and tutorial web sites. By means of this email newsletter, you have knowledge of and access to these sites before our web site visitors do.

**\*\*\*Current News \*\*\***

Please take a look at our [Blogs](#), We post on a daily basis to these blogs all **New Free Training and Tutorial Resources**, as we discover and evaluate them, here are the links:

[Best New Free Technical Computer and Development Training Sites](#)

[Free Computer, Technical, and IT Books](#)

[Our 3 Blogs for EducationOnlineForComputers.com](#)

- [Web Development](#) - [Adobe & Macromedia](#) - [Microsoft Office](#)

To get your [Free Computer Training updates via RSS](#), please cut and paste this urls into your RSS reader:

<http://www.intelligentedu.com/blogs/feed/>

**Please Visit Our New [Free Training & Tutorial Search Engine](#)** - this new website at [www.EdComp.com](http://www.EdComp.com) is a search engine with a large database of over 150,000 free IT education and training web resources, with another 70,000 free resources reserved exclusively for paid members. If you're an Intelligentedu.com Member, go to [members.Edcomp.com](http://members.Edcomp.com) to access the special members' page for searching over 220,000 free training web resources.

All of the links for these 220,000 free web resources have been validated, so you should not get any broken ones. We are also caching all previous results pages to help you find all the free training content and materials you need and are looking for. So check out our new free IT training search engine now, and if you'd like to, please provide me your feedback. Again, the url is: <http://www.edcomp.com/>.

Thank you.

For your convenience, this newsletter is also available to subscribers in HTML

format at this special url: [http://www.intelligentedu.com/current\\_news.html](http://www.intelligentedu.com/current_news.html)

I wish you the best with your computer studies and learning.

Warm Regards,  
Scott Turton  
Newsletter Editor and Webmaster  
[scott\\_turton@intelligentedu.com](mailto:scott_turton@intelligentedu.com)  
<http://www.intelligentedu.com/>

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**"Learn New Skills and Increase Your Earning Power  
- With Free Online Computer Training!"**

**\*\*\* [Become a Member of Intelligentedu.com](http://www.intelligentedu.com) \*\*\***

Our Members' Site contains the web's best computer and IT training resources and tutorials. This content is individually linked and presented in a way to expedite and facilitate your IT learning experience. We have done all the web research and presentation work for you so you can concentrate solely on your computer training. For short FAQ Answers, please see the end of this newsletter.

The total price to join as a member is only \$15.00 total for 2 months, \$25 for 4 months, \$34 for 6 months, or \$59 for a whole year. The funds generated will assist us to help all those seeking IT education and application development training. Here's the link to see what's available on our member's site and to sign up:  
<http://www.intelligentedu.com/sign-up/index.html>.

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**EdComp.com:**  
<http://www.edcomp.com/>

This is our new free computer and IT education and training search engine housing over 220,000 free training internet resources! Just type in a topic you're

looking for and get tons of great web resources instantly. These search results are much better than the big search engines, like google. You can also check out our predefined search results page giving you tons of free training resources:  
<http://www.edcomp.com/predefined.htm>.

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**EducationOnlineForComputers.com:**  
<http://www.educationonlineforcomputers.com>

Our new software application and office training and tutorial site, EducationOnlineForComputers.com, is now up and running. We give you Free access to hundreds of Free Training and Tutorials covering Microsoft Office, Flash, Photoshop, Dreamweaver and FrontPage. We also provide you a member site for the best available online software application training. You can sign up for the Free Newsletter here:

[http://www.educationonlineforcomputers.com/optin\\_newsletter.html](http://www.educationonlineforcomputers.com/optin_newsletter.html)

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### **-> Here are Your 3 Rewards for Subscribing to this Newsletter <-**

\*\*\* Free Online IT Training Materials for Subscribers \*\*\*

This section of our site contains over 2,000 free IT, computer and programming training resource links:

[http://www.intelligentedu.com/free\\_it\\_training\\_materials\\_and\\_books.html](http://www.intelligentedu.com/free_it_training_materials_and_books.html)

\*\*\* Free Online Computer Training and Tutorial Resources \*\*\*

Containing over 8,000 free IT training and tutorial resources, this section of our site is available only to our newsletter subscribers and web site members:

[http://www.intelligentedu.com/newly\\_researched\\_free\\_training.html](http://www.intelligentedu.com/newly_researched_free_training.html)

\*\*\* Free e-Book: "Understanding Computer Security" \*\*\*

Our new e-book contains the best information from U.S. government agency computer security papers and guides and presents it in a coherent and understandable manner. My hope is that this e-book will make computer security easier to learn. Click here to receive your Free Copy:

[http://www.intelligentedu.com/Understanding\\_Computer\\_Security.zip](http://www.intelligentedu.com/Understanding_Computer_Security.zip) (553 kb).

When unzipped it is a windows executable.

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## 2) The Best New Free I.T. Training & Tutorial Sites:

This section of our newsletter contains the best new free IT training and tutorial sites that we have found and researched in the last few weeks. These resources will be added to our Free IT Training & Courses page at [Intelligentedu.com/cat1.html](http://Intelligentedu.com/cat1.html), our Free IT Tutorials and Guides page at [Intelligentedu.com/cat2.html](http://Intelligentedu.com/cat2.html), or to our [members' site](#).

### EdComp.com:

<http://www.edcomp.com/>

This is our new Free computer and IT education, training and tutorial search engine housing over 150,000 free training internet resources! Just type in a topic you're looking for and get tons of great web resources instantly. We believe these results are better than the big search engines, like google.

You can start searching right now using this form:

Here are a few search results to get you started:

#### Web Development:

<http://www.edcomp.com/results/web+programming.html>

<http://www.edcomp.com/results/web+development+tutorial.html>

<http://www.edcomp.com/results/web+tutorial.html>

<http://www.edcomp.com/results/css.html>

### **Java Learning Resources:**

<http://www.edcomp.com/results/java+tutorial.html>

<http://www.edcomp.com/results/java+2.html>

<http://www.edcomp.com/results/java+servlets.html>

<http://www.edcomp.com/results/j2ee+tutorial.html>

### **Linux Tutorials:**

<http://www.edcomp.com/results/linux.html>

<http://www.edcomp.com/results/linux+tutorials.html>

<http://www.edcomp.com/results/linux+programming.html>

<http://www.edcomp.com/results/linux+.html>

### **XML Tutorials:**

<http://www.edcomp.com/results/xml.html>

<http://www.edcomp.com/results/xml+tutorials.html>

<http://www.edcomp.com/results/xslt.html>

<http://www.edcomp.com/results/xsl+tutorial.html>

<http://www.edcomp.com/results/xpath.html>

### **C++ Tutorials:**

<http://www.edcomp.com/results/c++-tutorials.html>

<http://www.edcomp.com/results/c++.html>

<http://www.edcomp.com/results/c++-programming.html>

### **A+ Tutorials and free practice questions:**

<http://www.edcomp.com/results/a+.html>

<http://www.edcomp.com/results/comptia+a+.html>

<http://www.edcomp.com/results/comptia+a+-study+guides.html>

<http://www.edcomp.com/results/a+-tutorials.html>

### **iNet+ Tutorials:**

<http://www.edcomp.com/results/inet+.html>

<http://www.edcomp.com/results/i-net+.html>

### **Network+ Tutorials:**

<http://www.edcomp.com/results/network+.html>

### **MCSE preparation:**

<http://www.edcomp.com/results/mcse.html>  
<http://www.edcomp.com/results/70-290.html>  
<http://www.edcomp.com/results/70-291.html>  
<http://www.edcomp.com/results/70-293.html>  
<http://www.edcomp.com/results/70-294.html>  
<http://www.edcomp.com/results/70-296.html>  
<http://www.edcomp.com/results/70-297.html>

**.Net:**

<http://www.edcomp.com/results/dotnet.html>  
<http://www.edcomp.com/results/dot-net.html>  
<http://www.edcomp.com/results/dotnet+tutorials.html>

**C#:**

<http://www.edcomp.com/results/c#.html>  
<http://www.edcomp.com/results/csharp.html>  
<http://www.edcomp.com/results/c#+tutorial.html>  
<http://www.edcomp.com/results/csharp+tutorial.html>

**Windows 2003:**

<http://www.edcomp.com/results/windows+2003.html>  
<http://www.edcomp.com/results/windows+server+2003.html>

**Intelligentedu.com paid Member-only search with 70,000 more free resources:**

<http://members.edcomp.com/index.aspx>

If you forgot your password please go here to retrieve it:

<http://www.intelligentedu.com/amember/member.php>

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**[TrainingByEmail](#)**

Visit [TrainingByEmail](#) to receive **Free Training for C#, ASP.Net, SQL, Word, Excel, and Outlook**, via your email every week! We will send out a new training



in the topic of your choosing every week. You can then save this, print it out, or delete it all at your convenience. And you can't beat the price, FREE!

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## [Intelligentedu Online Library of Training Courses](#)

This is another one of our new Free training and tutorial sites, providing over 450 free online IT tutorials. Tutorials range from entry level training on using word processors through to advanced techniques in programming, web development, database design, and network routing. In-depth courses are also available at low cost.

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## [9 Excellent C Programming Tutorial Lessons](#)

Here are [9 excellent C Programming Tutorial Lessons](#), hosted by brainbell.com. C is a powerful programming language, but using it can cause risk. These C tutorials will help you avoid problems and dangers of C programming by showing you specific programming techniques that make C programming both faster and safer. These techniques will lesson the probability of common C coding mistakes that can lead to serious or difficult-to-solve software defects.

### [Introduction](#)

C and C++ are widely promoted as ideal portable, fast, and - in the case of C++ - "object-oriented" languages. This characterization is deserved when C...

[Introduction](#)

[What's the Problem?](#)

["Real Programmers" And C](#)

[A Better C](#)

## [Conquering C](#)

### [Common Mistakes and How to Avoid Them](#)

Hard-core C programmers may try to convince you it's your inexperience, not C's syntax, that causes this type of coding error. But there's a booming market in C source-code checkers (known as "lint" filters) to help experienced C programmers protect themselves from just these kinds of sneaky problems.

#### [Common Mistakes and How to Avoid Them](#)

[Lazy Logic](#)

[Precedence Without Precedent](#)

[No Such Number, Address Unknown](#)

[It Hurts So Good](#)

[Sidebar 1 - C Coding Suggestions](#)

### [Foolproof Statement and Comment Syntax](#)

C is not really a bad language; it's just too often misused. As a language for writing low-level device drivers or operating system kernels, C is superb. It's also a great language for torturing student programmers.

#### [Foolproof Statement and Comment Syntax](#)

[Brace Yourself](#)

[Follow This Advice, or ElseS](#)

[Give Me a Break](#)

[One Last Comment](#)

[From C to Shining C](#)

[\(Sidebar 1\) - C Coding Suggestions](#)

### [Hassle-free Arrays and Strings](#)

When you learn that, in C, the first element of an array is referenced as `x[0]`, you appreciate C's reputation for being both efficient and hard to read.

#### [Hassle-free Arrays and Strings](#)

[String Symphony](#)

[Sidebar 1 - C Coding Suggestions](#)

## **Simplified Variable Declarations**

An object's scope is something you can't C very clearly in source code. Or should I say you can't code scope clearly in C source?

## **Practical Pointers**

C pointers are simply memory addresses, they're notorious for contributing to tricky programs and hard-to-spot program bugs.

[Practical Pointers](#)

[Finger Pointing](#)

[C's a Real Nowhere, Man](#)

[You Can't Get There from Here](#)

[Amnesia](#)

[One Blankety-Blank Trap After Another](#)

[Letting the Cat Out of the Bag](#)

[Sidebar 1 - Pulling a "Fast" One](#)

[Sidebar 2 - C Coding Suggestions](#)

## **Macros and Miscellaneous Pitfalls**

A bad macro can drive a good programmer mad. Imagine the frustration when an unsuspecting programmer codes...

## **Working with C++**

Why is C's successor called ?C plus-plus?? One rationale is that C++ is a ?better C? (the first ?plus?) and adds object-oriented programming (OOP) features (the second ?plus?).

[Working with C++](#)

[Starting on the Right Foot](#)

[Your Constant Companion](#)

[The Calm Before the Storm](#)

[New and Improved](#)

[Merrily Down the Streams](#)

[Non-Plused](#)

[OOP, Not Ooops!](#)

[Weighing the Pluses and Minuses](#)

[C Coding Suggestions](#)

## **[Managing C and C++ Development](#)**

C has scores of traps that can ensnare an unwary programmer. Without invoking discipline to stay clear of C's traps, sooner or later - usually sooner - a programmer will get caught.

[Managing C and C++ Development](#)

[Discipline Has Its Rewards](#)

[How Big Is the World?](#)

[Getting Started With Standards](#)

[The Evolution of Standards](#)

[No Train, No Gain](#)

[The Right Tool For the Job](#)

[Debugging Is a Waste of Time](#)

[Order Out of Chaos](#)

[Reuse It Or Lose It](#)

[Principles Of Reuse](#)

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## **[18 C# .NET Tutorials](#)**

Here are [18 C# .NET Tutorials](#), from brainbell.com, that will teach you how to program using the C# language in the .NET framework. They will teach you the basics with getting started with coding C# and also show you more intermediate and advanced topics, including: Attributes, Interfaces, Expressions and Operators, Program Flow Control, Error Handling with Exceptions, Delegates and Event Handlers, and Multithreaded Programming

### **[Object Oriented Programming](#)**

The tutorial provides an overview of the terminology of object-oriented programming (OOP) and gives you an understanding of the importance of object-oriented concepts to programming.

### **[Microsoft .NET](#)**

Get a good understanding of .NET and how the C# language is a part of it.

## [Hello, C#](#)

This C# tutorial gives you an overview of the development process for a simple C# application. It shows you the advantages and disadvantages of the different editors to write in C#, write the "Hello, World" example application to get to know the basic syntax and structure of writing C# applications. You'll also learn how to compile using the command-line compiler.

## [The C# Type System](#)

In this C# tutorial, you'll learn about the C# type system. Find out how .NET divides types into the two categories: value types and reference types; and then learn how boxing enables a completely object-oriented type system to function efficiently. Finally, learn how type casting works in C#, and find out how to start using namespaces.

## [C# Classes](#)

In this C# tutorial, you'll learn the basics of defining classes in C#, including instance members, access modifiers, constructors, and initialization lists, and then learn how to define static members and the difference between constant and read-only fields. After that, this tutorial teaches you about destructors and deterministic finalization. Finally, the tutorial provides a quick discussion of inheritance and C# classes.

## [C# Methods](#)

This C# tutorial shows you how to use the ref and out method parameter keywords and how they enable you to define a method such that it can return more than a single value to the caller. You'll learn how to define overloaded methods so that multiple methods with the same name can function differently depending on the types and/or number of arguments passed to them. Then you'll learn how to handle situations in which you don't know the exact number of arguments a method will have until run time. Finally, discussion of virtual methods and how to define static methods.

## [C# Properties, Arrays, and Indexers](#)

In this C# tutorial, you'll learn about properties, arrays, and indexers because these language features share a common bond. They enable you, the C# class developer, to extend the basic class/field/method structure of a class to expose a more intuitive and natural interface to your class's members.

## [C# Attributes](#)

C# attributes provide you a generic means of associating information (as annotations) with your defined C# types. You can use attributes to define design-time information (such as documentation information), run-time information (such as the name of a database column for a field), or even run-time behavioral

characteristics (such as whether a given member is "transactionable"?that is, capable of participating in a transaction).

### [C# Interfaces](#)

C# Interfaces allow you to define behavioral characteristics, or abilities, and apply those behaviors to classes irrespective of the class hierarchy.

### [C# Expressions and Operators](#)

This C# tutorial shows you how to express assignments and comparisons through the use of operators. You'll learn what operators are and how operator precedence is determined in C#, along with specific categories of expressions for doing such things as performing math, assigning values, and making comparisons between operands.

### [C# Program Flow Control](#)

The statements that enable you to control program flow in a C# application fall into three main categories: selection statements, iteration statements, and jump statements. In this C# tutorial, you'll learn how to use each of these statement types to control structure flow.

### [C# Error Handling with Exceptions](#)

This C# tutorial teaches you the general mechanics and basic syntax of exception handling, how exception handling compares with the more prevalent methods of error handling. You will also learn about .NET exception-handling issues, such as using the Exception class and deriving your own exception classes and issue of properly designing your system to use exception handling.

### [C# Operator Overloading and User-Defined Conversions](#)

This C# tutorial teaches you how to use two closely related features of C# that give you the capability to create structure and class interfaces that are easier and more intuitive to use: operator overloading and user-defined conversions.

### [C# Delegates and Event Handlers](#)

In this C# tutorial, learn how to code using delegates, how they compare to interfaces, the syntax used to define them, and the different problems that they were designed to address. You'll also see several examples of using delegates with both callback methods and asynchronous event handling.

### [C# Multithreaded Programming](#)

This C# tutorial teaches you the basics, along with more advanced issues regarding the aborting, scheduling, and lifetime management of threads and also discuss thread synchronization with the System.Monitor and System.Mutex classes and the C# lock statement.

### [Querying Metadata with Reflection](#)

This tutorial explains the reflection API and how you can use it to iterate through an assembly's modules and types and to retrieve the different design-time characteristics of a type. You'll also learn about several advanced usages of reflection, such as dynamically invoking methods and use type information (through late binding) and even creating and executing MSIL code at run time.

### [Interoperating with Unmanaged Code](#)

Unmanaged code refers to code that is not managed, or controlled, by the .NET runtime. This tutorial cover the three main examples of unmanaged code in .NET: Platform Invocation Services, Unsafe code , COM interoperability.

### [Working with Assemblies](#)

This tutorial describes the major advantages of using assemblies, including the packaging and versioning of your .NET components.

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## [18 PHP and MySQL Tutorials](#)

Here are [18 PHP and MySQL Tutorials](#), from brainbell.com. These will teach you how use PHP and MySQL, along with showing you how to use both of these web development technologies together.

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## [15 HTML and CSS Tutorials](#)

Here are [15 HTML and CSS Tutorials](#), from brainbell.com. These cover much of the basics and HTML and CSS, as well as some more advanced techniques, such as using forms, margins, borders, padding, positioning, floats, and z-index.

## [11 Computer Networking Tutorials](#)

Here are [11 Computer Networking Tutorials](#), from brainbell.com. These cover and teach you about the following networking technologies: Cabling, Connectors, Security, Networking Devices, OSI Model, TCP/IP, Networking Troubleshooting, VLANs, and WANs.

### [Cabling Standards Media And Connectors](#)

This tutorial focuses on the media and connectors used in today's networks. In addition to media and connectors, this tutorial identifies the characteristics of the IEEE 802.3 standard and its variants.

### [Introduction to Networking](#)

This tutorial reviews general network considerations such as the various topologies used on today's networks, LANs, PANs, and WANs, and the IEEE standards.

### [Network Operating Systems And Client Connectivity](#)

This tutorial looks at a number of operating systems that are widely used in today's network environments.

### [Network Security](#)

In this tutorial, we will examine how security measures such as port blocking, password policies, and encryption fit into network security strategy. We also take a quick look at the purpose and characteristics of extranets and intranets.

### [Networking Devices](#)

This tutorial introduces commonly used networking devices, and, although it is true that you are not likely to encounter all of the devices mentioned in this tutorial on the exams of MCSE & Network+, you can be assured of working with at least some of them.

### [OSI Model and Network Protocols](#)

This tutorial looks at the OSI model and describes how it relates to real-world networking. It also examines how common network devices relate to the OSI model.

### [TCP/IP \(Transmission Control Protocol Internet Protocol\)](#)



This tutorial deals with the individual protocols within the protocol suite. The tutorial looks at the function of the individual protocols and their purposes.

### [Troubleshooting Connectivity](#)

This tutorial identifies the tools that are used in the troubleshooting process and identifies scenarios in which these tools can be used.

### [Troubleshooting and Supporting the Network](#)

This tutorial focuses on all areas of troubleshooting, including troubleshooting best practices and some of the tools and utilities you'll use to assist in the troubleshooting process.

### [VLANs Antivirus Fault Tolerance And Disaster Recovery](#)

Fault tolerance and disaster recovery are such an important part of network administration. In that light, this tutorial is important both in terms of real-world application.

### [WAN Technologies Internet Access And Security Protocols](#)

This tutorial examines various WAN technologies and the protocols used to secure and establish the connections.

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## [The Algorithm Design Manual](#)

Here is the free online book, [The Algorithm Design Manual](#), by Steven S. Skiena of the Department of Computer Science, State University of New York. Also included on this site are the source code and the links for all cited implementations (C, C++, Fortran, and Pascal), along with over 30 hours of audio lectures. This algorithm book, with the lectures, teaches and shows you how to write and use algorithms in computer programs. What is an algorithm? An algorithm is a procedure to accomplish a specific task. It is the idea behind any computer program. To be interesting, an algorithm has to solve a general, well-specified problem. An algorithmic problem is specified by describing the complete set of instances it must work on and what properties the output must have as a result of running on one of these instances. This distinction between a problem and an instance of a problem is fundamental.

### [Contents of the Algorithm Design Manual](#)

- [Techniques](#)
    - [Introduction to Algorithms](#)
    - [Data Structures and Sorting](#)
    - [Breaking Problems Down](#)
    - [Graph Algorithms](#)
    - [Combinatorial Search and Heuristic Methods](#)
    - [Intractable Problems and Approximations](#)
    - [How to Design Algorithms](#)
  - [Resources](#)
    - [A Catalog of Algorithmic Problems](#)
    - [Algorithmic Resources](#)
  - [References](#)
  - [Index](#)
- 
- 

### **3) New Free Computer IT Books, Publications & Book Sites:**

Some of these web resources will be added to our Free IT Books page at [Intelligentedu.com/free\\_computer\\_books.html](http://Intelligentedu.com/free_computer_books.html) and some will be added to our [members site](#).

#### **Over 500 Programming and I.T. eBooks**

Here are [over 500 Programming and I.T. eBooks](#) covering many topics and areas, as detailed below. These computer ebooks are in pdf and chm formats.

## **100+ Computing eBooks**

Topics covered by these ebooks include:

- Video and Audio Compression
- VB.NET (Visual Basic .NET)
- ASP.NET
- Dreamweaver
- Fireworks
- Photoshop
- Flash
- Korn Shell
- MS Access
- MS Office
- VOIP
- Windows XP
- Windows Vista
- WiMax
- Introduction to Programming

## **400+ Computer, Programming, and I.T. eBooks**

Topics covered by these ebooks include:

- Java, Java AWT, JavaBeans
- Java Distributed, J2EE
- Perl Programming
- Firewalls, Internet Security
- Unix, Vi, Unix Tools
- Web Development, HTML, Javascript, CSS
- Oracle, PL-SQL
- .NET Framework, .NET Forms
- Wireless
- Access Database Programming
- Flash Actionscript
- ADO Activex
- Python Programming
- Ant
- Apache
- Linux Secure Servers
- Cisco
- LANS and Networking

- JBoss
  - Kerberos
  - WML and WMLScript
  - Linux Commands
  - Linux Servers
  - Linux Kernel
  - Regular Expressions
  - MySQL, PostgreSQL, SQL
  - OpenSSL
  - C Programming
  - C++ Programming
  - C# Programming (C Sharp)
  - PHP Programming
  - SOAP
  - Web Services
  - UML
  - XML, XSLT
  - Mac OS
  - Windows XP
- 

## **[Over 300 Computer and Programming eBooks](#)**

Here is an [ebook repository](#) containing over 300 technical, computer, and programming ebooks covering many areas. These computer ebooks are in pdf format.

### eBook Topics:

- Computer Networking
- Wireless LANs
- Perl Programming
- Linux Programming
- Linux Tips and Tricks
- 3D Graphics Programming
- Technical Writing
- Artificial Intelligence
- PC Hardware

- Photoshop
  - Neural Networks
  - Computer Security
  - Cisco, CCNA
  - Algorithms
  - DNS
  - Database Design
  - Electrical Circuits
  - Electronic Concepts
  - Extreme Programming
  - C++ Programming
  - Java Swing
  - XML Programming in Java
  - SQL
  - Linux Command Reference
  - Linux Shell Programming
  - Visual Basic .NET ([VB.NET](#))
  - Microsoft Office VBA
  - Network+ Certification
  - Windows Network Programming
  - C# Programming (C Sharp)
  - PHP with MySQL
  - Samba
  - UML
  - VPN
  - Windows XP
  - CSS
  - C++ Reverse Engineering
- 

### **[Freely available eBooks from ebooks-space.com](#)**

This site offers links to many **[freely available Computer eBooks](#)**, from ebooks-space.com, in the following technical areas: PHP, Perl, MySQL, Oracle, Java, J2me, JSP, .NET Framework, ASP.net, VB.net, C programming, C++ programming, C# programming, Ajax, Networking, SQL Server, XML, and Windows. The ebooks are located on download sites, such as rapidshare.de. These computer ebooks are available in the following formats: PDF, CHM, DOC,

HTML, ZIP, RAR.

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**[Downloadable I.T. Certification eBooks](#)**

Here are many freely available [downloadable I.T. Certification eBooks](#) in several areas, as linked below, from [tekshelf.blogspot.com](http://tekshelf.blogspot.com). These computer ebooks cover Microsoft certification, Linux certification, Comptia certification, Cisco certification, Oracle certification, programming, and networking. This sites provides links to these computer, programming, and certification ebooks in text form, so you will need to copy and paste them into your browser's address bar. Also, you may need to make the text smaller in your browser so you can copy all of the link.

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- AIX
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- C++ programming
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- CGI
- DNS BIND
- Exchange
- FreeBSD
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- Postgres SQL
- Sendmail
- TCP-IP



- Vi
  - Webmaster
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## **[288 Computer, Database, and Programming eBooks](#)**

Here is a website that hosts 288 freely available [Computer, Database, and Programming eBooks](#). The technical topics covered by these ebooks are listed below. The connection is a little slow, so please have patience, or try later.

### eBooks Topics:

- Linux Configuration and Installation
- Red Hat Linux and RHCE
- Debian Linux
- Linux Programming
- Linux Programming for Games
- Linux Networking
- Linux Security
- Linux with Windows integration
- Internet Security
- JBoss
- Tomcat
- PostgreSQL
- MySQL
- Oracle OCP Certification
- Oracle Tuning
- Oracle RAC
- DB2
- Solaris
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- Unix Networking
- Zope
- Python Programming
- Bash Shell Scripting
- PHP Scripting
- Ruby Programming

- C++ Programming
- Cisco CCNA
- Cluster Computing
- Apache Web Server
- Data Structures
- Snort
- FreeBSD
- Sendmail
- Postfix
- XML

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## 4) University Computer Science Course Sites Free to Browse and Study:

These web sites will be added to our Free University IT Course Webs page at [intelligentedu.com/cat3.html](http://intelligentedu.com/cat3.html)

### [Linux Study Guide and Text Book](#)

This is the [Linux Study Guide and Text Book](#) from the Linux Systems Administration Course (COIT13146) at Central Queensland University. It will teach and show you how to setup and install the Linux operating system. This book's 18 chapters cover many important topics and concepts that you need to understand and know when using Linux. Each chapter is linked below in pdf and html formats. The complete book is also available as in [PDF format](#) (472 pages, 2.55mb).

Chapter	Title	
1	The Overview	<a href="#">HTML</a>   <a href="#">PDF</a>

2	The What, Why and How of Sys Admin	<a href="#">HTML</a>   <a href="#">PDF</a>
3	Information Sources and Problem Solving	<a href="#">HTML</a>   <a href="#">PDF</a>
4	Using UNIX	<a href="#">HTML</a>   <a href="#">PDF</a>
5	The File Hierarchy	<a href="#">HTML</a>   <a href="#">PDF</a>
6	Processes and Files	<a href="#">HTML</a>   <a href="#">PDF</a>
7	The Shell	<a href="#">HTML</a>   <a href="#">PDF</a>
8	Text Manipulation	<a href="#">HTML</a>   <a href="#">PDF</a>
9	Shell Programming	<a href="#">HTML</a>   <a href="#">PDF</a>
10	Users	<a href="#">HTML</a>   <a href="#">PDF</a>
11	Managing File Systems	<a href="#">HTML</a>   <a href="#">PDF</a>
12	Backups	<a href="#">HTML</a>   <a href="#">PDF</a>
13	Startup and Shutdown	<a href="#">HTML</a>   <a href="#">PDF</a>
14	Kernel	<a href="#">HTML</a>   <a href="#">PDF</a>
15	Automation and Observation	<a href="#">HTML</a>   <a href="#">PDF</a>
16	Networks: The Connection	<a href="#">HTML</a>   <a href="#">PDF</a>
17	Network Applications	<a href="#">HTML</a>   <a href="#">PDF</a>
18	Security	<a href="#">HTML</a>   <a href="#">PDF</a>

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**5) The Best Suggested Sites from our Website Users** - Every month we feature the best suggested IT training and tutorial sites from our website visitors. Here are this month's sites:

[E-Book Library for Download Free](#)

[E-Book Library for Download Free](#) is an eBook Library providing links to freely available ebooks, in chm and pdf formats, covering many technical topics, including PHP, MySQL, Oracle, Java, J2me, JSP, ASP.NET, VB.NET, C programming, C++ programming, C# programming, .NET, Ajax, Networking, SQL Server, XML, and Windows.

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- [PhotoShop](#)
- [PHP](#)
- [Security](#)
- [SQL Server](#)
- [WebService](#)
- [Web Design](#)
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**Microsoft eBooks**

Here is an ftp directory of several ebooks covering Microsoft technologies as listed below.

eBook Topics:

- IPV6

- C# (C Sharp) Programming
  - Network Programming For Windows
  - Programming International Software
  - ADO.NET
  - .NET Programming
  - XML Programming
  - Windows XP Security
- 
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## 6) New Computer & IT Training & Tutorial Link & Resource Sites:

These web sites will be added to our IT Links and Resources page at [Intelligentedu.com/cat6.html](http://Intelligentedu.com/cat6.html)

### [Tutoriallist.com](http://Tutoriallist.com)

Tutoriallist.com provides links to online tutorials and guides guides in the areas linked below.

- [Programming](#)
- [Computer Internet](#)
- [Internet Guides](#)
- [Visual Basic Tutorials](#)
- [Web Hosting Tutorials](#)
- [JavaScripts Tutorials](#)
- [Career Planning](#)
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- [Education Tutorials](#)

## 7) I.T. Sites and Free Downloads Worth Mentioning:

*The following programs are totally Free, no popups, no adware, no spyware, and no shareware.*

### [Free YouTube Uploader](#)

Free YouTube Uploader enables you to upload videos to your YouTube account without having to use the web interface. You can set the title, description, tags, and even cut portions of the video using the built-in editor. The program also optimizes your video for optimal size and quality.

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### [Hypertext Builder](#)

Hypertext Builder is an XHTML editor that combines visual capabilities with powerful coding tools. Visual tools are provided for creating lists, tables, frames, formatted paragraphs, and image maps. Other features include popup references for tags, attributes, ASP, PHP4, and database schema as well as XHTML color-coding and more. Hypertext Builder also supports Open eBook, SMIL 1.0, SVG 1.0, WML 1.3, X3D, XML Schema 1.0 and others. Database schemas can be imported from SQL Server, Access, MySQL, and Oracle via ODBC connections. The program comes with several built-in utilities including a thumbnail browser, a color-picker, multi-resolution preview, and a font browser.

## [Araneae](#)

Araneae supports multiple documents open at once which you can easily access through the tabs at the bottom of the screen. With helpful tools such as syntax highlighting, a colour picker, drag and drop image insertions, date insertion, and multiple browser support, Araneae can significantly reduce the amount of time you spend coding your HTML pages.

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## [AEdiX Suite](#)

AEdiX Suite is a coding and editing suite, especially designed for web developers. It offers syntax highlighting for 24 different language (HTML, PHP, ASP, C, C++, Pascal, java, JavaScript, perl, VBScript, SQL, ASM, Sphere script), script based template support as well as integration with HTML Tidy to verify your code. The editor supports unlimited file size and offers a clean, easy to use interface. Additional features include a built-in FTP client, search/replace functions an an included hex editor. AEdiX Suite is designed for developers that know what they're doing.

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## [Cascade DTP](#)

Cascade DTP lets you visually design a CSS driven page layout, complete with font selections, colors, background and more. You can visually arrange the text areas and position graphics as you go - Cascade DTP will generate the style sheet code for you and can save it as complete HTML page or let you copy the CSS code to be used with your favorite HTML editor. Additional features include

optional design grids, scrollbar scheme editor, browser preview and more.

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### **[Free CSS Toolbox](#)**

Free CSS Toolbox helps you to optimize and validate your existing CSS code. It offers advanced formatting options that can make it easier to work with your code, as well as optional compression to reduce the load time of your style sheet. The program also includes an integrated CSS syntax checker as well as code validation via W3C website.

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## **8) Question of the Month about Technical Training:**

Each month Scott Turton will answer a current or important question that we have received about computer and IT training and career development.

### **March 2008 Question of the Month:**

What does it take to be a software tester or quality assurance analyst?

### **Answer:**

Here are seven capabilities and characteristics that I believe you need in order to be an effective and productive software tester or quality assurance analyst:

1) A desire to constantly pay attention to the details of what a program is



supposed to do.

- 2) The capability to understand and provide feedback regarding the testability of software requirements to analysts and developers.
- 3) The ability to layout an application's requirements logically via its inputs and functionality, and then to come up with a testing plan, complete with test cases containing detailed steps, input data and instructions.
- 4) A propensity or knack to break a program while following its required inputs and usage parameters.
- 5) Good communication skills for writing defect reports so both business users and programmers can understand it, while giving the exact steps for reproducing it, if the defect is reproducible.
- 6) Good communication skills to speak both end users' and developers' lingo, using different words and terminology at times, but keeping the the same or similar meaning when communicating to each group.
- 7) An understanding of where quality assurance fits in the software development lifecycle, what the processes are around it, and how the QA process relates to the development process and interacts with it.

Scott Turton  
Site Editor  
[Intelligentedu.com](http://Intelligentedu.com)

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## **9) Please Support Our Training Mission**

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**Computer Education, Training, & Tutorial Resources**

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**Free I.T. Training Now!**

A free and member-based I.T. educational and training portal web site. We have compiled, categorized, described, and linked many, many sites that will be of keen interest to computer science students and instructors and others seeking free training and knowledge about computers. All areas are covered, from

programming to systems administration to networking to the internet. You are able to study and learn all about computers and I.T. via Free training, courses, tutorials, books, guides, documentation, articles, tips, notes, and help. Also offered are free technical training tutorials co-branded with [Freeskills.com/](http://Freeskills.com/). Check us out today.

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**\*\*\* Intelligentedu.com's Member Site \*\*\***

<http://www.intelligentedu.com/sign-up/index.html>

Our Members' Site contains the web's best computer and IT training resources and tutorials. This content is individually linked and presented in a way to expedite and facilitate your IT learning experience. We have done all the web research and presentation work for you so you can concentrate solely on your computer training.

Intelligentedu.com Member Site FAQ Answers:

1. Over half of the web sites and pages in our members site are not in the free section of our web site. The online training resources in our members' site are linked and laid out in a much more detailed fashion than those in the free section. This will save you time in finding all the best free training on the web.
2. If you use a credit card when joining, you may choose to be billed by PayPal, or you may purchase from 2checkout.com, our authorized retailer, whichever you choose.
3. You have a choice to select the non-recurring or recurring method of payment. If you select non-recurring, when your membership period expires, you will not be automatically charged another fee on your credit card or check.
4. If you are looking for training and tutorials covering popular software such as Microsoft Office, Flash, Photoshop, Dreamweaver, Web Development, Windows and Computer Hardware, please see our sister site, <http://www.EducationOnlineForComputers.com>

The total price to join our member's site is only \$15.00 total for 2 months, \$25 for 4 months, \$34 for 6 months, or \$59 for a whole year. The funds generated will assist us to help all those seeking IT education and application development training. Here's the link to see what's available on our member's site and to sign up: <<http://www.intelligentedu.com/sign-up/index.html>>. You can email Scott Turton with questions at [scott\\_turton@intelligentedu.com](mailto:scott_turton@intelligentedu.com).

**I will give you 8 great Free Bonuses when you sign up now. These are as follows:**

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