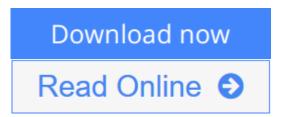# A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition

By Mike O'Kane

A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition By Mike O'Kane

A Web-Based Introduction to Programming is designed for use in introductory programming, programming logic and design, or Web programming courses, and for anyone seeking a painless way to learn the basics of programming by developing small Web applications. The book is clearly written, using consistent examples in every chapter and step-by-step descriptions of standard programming procedures. Each chapter follows precise learning outcomes that are accurately tested by the end-of-chapter quizzes and exercises.

A Web-Based Introduction to Programming keeps the focus on the need for beginning programmers to learn essential syntax and control structures with minimal complexity. Each chapter focuses on a single topic and related material is provided in appendices. Students learn to convert requirements into algorithms, and then develop small Web-based applications using a combination of PHP and HTML.

The chapter code exercises are designed to improve skill and confidence step-by-step: fixit exercises provide small programs that include a single error of some kind and help students develop their problem-solving abilities and debugging skills; modify exercises provide working programs that must be modified to perform a somewhat different or additional function (these exercises test students' ability to read, understand, and adapt existing code); code completion exercises allow students to apply all concepts and tools covered in the chapter by developing new applications; and all required software is provided and can be installed quickly and easily in minutes under Windows, Macintosh OS X or Linux. The software can be installed entirely on a USB drive so that students can carry their complete work environment with them (no need for special classroom installation).

A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition

By Mike O'Kane

A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition By Mike O'Kane

A Web-Based Introduction to Programming is designed for use in introductory programming, programming logic and design, or Web programming courses, and for anyone seeking a painless way to learn the basics of programming by developing small Web applications. The book is clearly written, using consistent examples in every chapter and step-by-step descriptions of standard programming procedures. Each chapter follows precise learning outcomes that are accurately tested by the end-of-chapter quizzes and exercises.

A Web-Based Introduction to Programming keeps the focus on the need for beginning programmers to learn essential syntax and control structures with minimal complexity. Each chapter focuses on a single topic and related material is provided in appendices. Students learn to convert requirements into algorithms, and then develop small Web-based applications using a combination of PHP and HTML.

The chapter code exercises are designed to improve skill and confidence step-by-step: fixit exercises provide small programs that include a single error of some kind and help students develop their problem-solving abilities and debugging skills; modify exercises provide working programs that must be modified to perform a somewhat different or additional function (these exercises test students' ability to read, understand, and adapt existing code); code completion exercises allow students to apply all concepts and tools covered in the chapter by developing new applications; and all required software is provided and can be installed quickly and easily in minutes under Windows, Macintosh OS X or Linux. The software can be installed entirely on a USB drive so that students can carry their complete work environment with them (no need for special classroom installation).

A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition By Mike O'Kane Bibliography

- Sales Rank: #996057 in Books
- Published on: 2014-01-07
- Original language: English
- Dimensions: 10.00" h x 7.00" w x 1.25" l,
- Binding: Paperback
- 603 pages

⬇ **Download** A Web-Based Introduction to Programming: Essential ...pdf

▤ **Read Online** A Web-Based Introduction to Programming: Essenti ...pdf

Download and Read Free Online A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition By Mike O'Kane

Editorial Review

Review
"This is the best logic book I have ever had in over 25 years of teaching!" --Bob Husson, Craven Community College

"I teach intro to programming and algorithms and I have used this book for three terms. It is excellent. The book's content leads students through the examples in a natural way that makes learning traditional programming concepts easy, and students retain the concepts. The coding exercises build upon each other from algorithms all the way through small PHP programs. As a teacher I highly recommend this book for students and instructors alike." --Charlie Wallin, Asheville-Buncombe Technical Community College

"The textbook, *A Web-Based Introduction to Programming*, was my first exposure to PHP. I could not have asked for a better introduction. The explanations, examples, and order of topics covered, made teaching and learning the basics of PHP a simple process. My students found the exercises and assignments at the end of each chapter fun but challenging. My only regret is that I did not discover this book sooner." --Joe Sherrill, Martin Community College (retired)

About the Author
Mike O'Kane is a Professor at Asheville-Buncombe Technical Community College in North Carolina.

Users Review

From reader reviews:

Anthony Hubbard:

Why don't make it to become your habit? Right now, try to prepare your time to do the important take action, like looking for your favorite e-book and reading a e-book. Beside you can solve your problem; you can add your knowledge by the publication entitled A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition. Try to make the book A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition as your pal. It means that it can for being your friend when you really feel alone and beside associated with course make you smarter than previously. Yeah, it is very fortuned to suit your needs. The book makes you much more confidence because you can know every thing by the book. So , let us make new experience and knowledge with this book.

Kristy Taylor:

Often the book A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition will bring that you the new experience of reading any book. The author style to elucidate the idea is very unique. If you try to find new book to read, this book very suited to you. The book A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition is much recommended to you to learn. You can also get the e-book from the official web site, so you can easier to read the book.

Susan Spiegel:

Spent a free time for you to be fun activity to do! A lot of people spent their leisure time with their family, or all their friends. Usually they accomplishing activity like watching television, planning to beach, or picnic inside park. They actually doing same task every week. Do you feel it? Do you need to something different to fill your free time/ holiday? May be reading a book may be option to fill your totally free time/ holiday. The first thing you ask may be what kinds of publication that you should read. If you want to test look for book, may be the book untitled A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition can be very good book to read. May be it could be best activity to you.

Allen Yopp:

This A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition is fresh way for you who has intense curiosity to look for some information because it relief your hunger associated with. Getting deeper you on it getting knowledge more you know otherwise you who still having small amount of digest in reading this A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition can be the light food for you because the information inside that book is easy to get by simply anyone. These books create itself in the form which can be reachable by anyone, sure I mean in the e-book type. People who think that in guide form make them feel sleepy even dizzy this publication is the answer. So there is not any in reading a e-book especially this one. You can find what you are looking for. It should be here for a person. So , don't miss this! Just read this e-book sort for your better life and knowledge.

Download and Read Online A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition By Mike O'Kane #AV7UBSTHGWR

Read A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition By Mike O'Kane for online ebook

A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition By Mike O'Kane Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition By Mike O'Kane books to read online.

Online A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition By Mike O'Kane ebook PDF download

A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition By Mike O'Kane Doc

A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition By Mike O'Kane Mobipocket

A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition By Mike O'Kane EPub

AV7UBSTHGWR: A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition By Mike O'Kane