



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

By Mike O'Kane

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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).

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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:

Bernice Hicks:

Book is actually written, printed, or created for everything. You can recognize everything you want by a reserve. Book has a different type. To be sure that book is important thing to bring us around the world. Beside that you can your reading skill was fluently. A guide *A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition* will make you to always be smarter. You can feel a lot more confidence if you can know about every thing. But some of you think this open or reading some sort of book make you bored. It is not make you fun. Why they can be thought like that? Have you looking for best book or suited book with you?

Debbie Gagnon:

Precisely why? Because this *A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition* is an unordinary book that the inside of the reserve waiting for you to snap the item but latter it will zap you with the secret the item inside. Reading this book close to it was fantastic author who else write the book in such awesome way makes the content on the inside easier to understand, entertaining technique but still convey the meaning fully. So , it is good for you because of not hesitating having this any longer or you going to regret it. This excellent book will give you a lot of gains than the other book include such as help improving your skill and your critical thinking means. So , still want to postpone having that book? If I have been you I will go to the book store hurriedly.

Kenneth Kan:

The book entitled A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition contain a lot of information on it. The writer explains her idea with easy method. The language is very straightforward all the people, so do not necessarily worry, you can easy to read the idea. The book was written by famous author. The author gives you in the new period of literary works. You can read this book because you can continue reading your smart phone, or product, so you can read the book within anywhere and anytime. If you want to buy the e-book, you can available their official web-site and order it. Have a nice examine.

Danielle Rucks:

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