



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.

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Why don't make it to be your habit? Right now, try to prepare your time to do the important take action, like looking for your favorite publication and reading a e-book. Beside you can solve your trouble; you can add your knowledge by the book entitled *A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition*. Try to make book *A Web-Based Introduction to Programming: Essential Algorithms, Syntax, and Control Structures Using PHP, HTML, and MySQL, Third Edition* as your good friend. It means that it can for being your friend when you feel alone and beside regarding course make you smarter than ever before. Yeah, it is very fortunated for you personally. The book makes you far more confidence because you can know almost everything by the book. So , we need to make new experience as well as knowledge with this book.

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