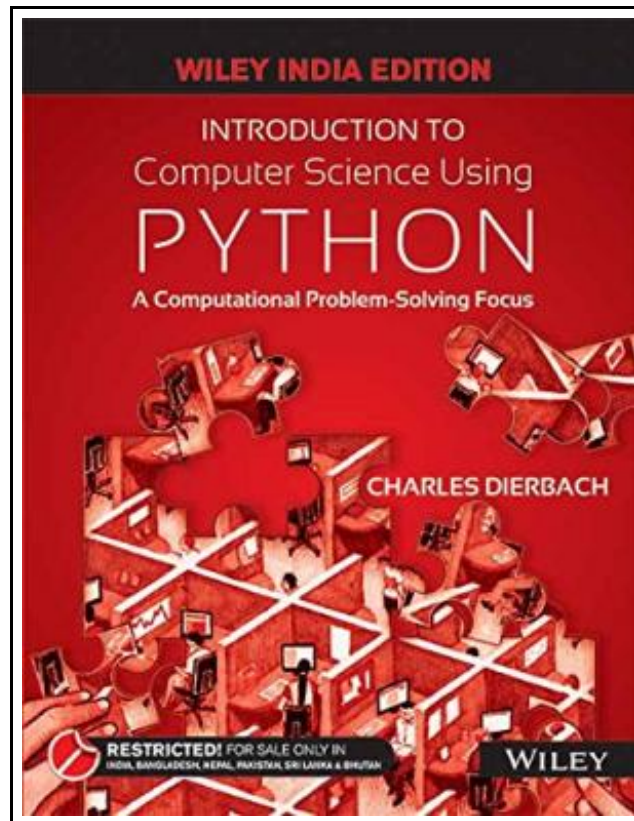


Introduction to Computer Science using Python



Filesize: 8.38 MB

Reviews

I actually started off looking at this pdf. It is one of the most amazing pdf i have got read. Once you begin to read the book, it is extremely difficult to leave it before concluding.
(Milford Donnelly)

INTRODUCTION TO COMPUTER SCIENCE USING PYTHON

[DOWNLOAD](#)

To get **Introduction to Computer Science using Python** eBook, please follow the button listed below and save the document or gain access to other information which are in conjunction with INTRODUCTION TO COMPUTER SCIENCE USING PYTHON book.

Wiley India, 2015. Softcover. Book Condition: New. First edition. The Book focuses on computational problem solving from Chapter 1, this text provides numerous hands-on exercises and examples, each chapter ending with a significant-size program demonstrating the step-by-step process of program development, testing and debugging. A final chapter includes the history of computing, starting with Charles Babbage, containing over 65 historical images. An end-of-book Python 3 Programmers' Reference is also included for quick lookup of Python details. Preface Acknowledgments About the Author 1 Introduction 1.1 What Is Computer Science? 1.2 Computer Algorithms 1.3 Computer Hardware 1.4 Computer Software 1.5 The Process of Computational Problem Solving 1.6 The Python Programming Language 1.7 A First Program--Calculating the Drake Equation 2 Data and Expressions 2.1 Literals 2.2 Variables and Identifiers 2.3 Operators 2.4 Expressions and Data Types 2.5 Age in Seconds Program 3 Control Structures 3.1 What Is a Control Structure? 3.2 Boolean Expressions (Conditions) 3.3 Selection Control 3.5 Calendar Month Program 4 Lists 4.1 List Structures 4.2 Lists (Sequences) in Python 4.3 Iterating Over Lists (Sequences) in Python 4.4 More on Python Lists 4.5 Calendar Year Program 5 Functions 5.1 Program Routines 5.2 More on Functions 5.3 Credit Card Calculation Program 6 Objects and Their use 6.1 Software Objects 6.2 Turtle Graphics 6.3 Horse Race Simulation Program 7 Modular Design 7.1 Modules 7.2 Top-Down Design 7.3 Python Modules 7.3.1 What Is a Python Module? 7.4 Calendar Year Program (function version) 8 Text Files 8.1 What Is a Text File? 8.2 Using Text Files 8.3 String Processing 8.4 Exception Handling 8.5 Cigarette Use/Lung Cancer Correlation Program 9 Dictionaries and Sets 9.1 Dictionary Type in Python 9.2 Set Data Type 9.3 A Food Co-op's Worker Scheduling Simulation 10 Object-Oriented Programming 10.1 What Is Object-Oriented Programming? 10.2 Encapsulation 10.3 Inheritance 10.4 Polymorphism 10.5 Object-Oriented Design using...

[Read Introduction to Computer Science using Python Online](#)[Download PDF Introduction to Computer Science using Python](#)[Download ePub Introduction to Computer Science using Python](#)

Other Books



[PDF] TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)

Access the link under to download and read "TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)" PDF file.

[Read eBook »](#)



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

Access the link under to download and read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" PDF file.

[Read eBook »](#)



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

Access the link under to download and read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)" PDF file.

[Read eBook »](#)



[PDF] Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)

Access the link under to download and read "Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)" PDF file.

[Read eBook »](#)



[PDF] The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds

Access the link under to download and read "The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds" PDF file.

[Read eBook »](#)



[PDF] History of the Town of Sutton Massachusetts from 1704 to 1876

Access the link under to download and read "History of the Town of Sutton Massachusetts from 1704 to 1876" PDF file.

[Read eBook »](#)

**[PDF] Read Write Inc. Phonics: Pink Set 3 Storybook 5 Tab s Kitten**

Click the hyperlink under to get "Read Write Inc. Phonics: Pink Set 3 Storybook 5 Tab s Kitten" PDF file.

[Read PDF »](#)

**[PDF] Read Write Inc. Phonics: Green Set 1 Storybook 8 the Web**

Click the hyperlink under to get "Read Write Inc. Phonics: Green Set 1 Storybook 8 the Web" PDF file.

[Read PDF »](#)

**[PDF] Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]**

Click the hyperlink under to get "Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]" PDF file.

[Read PDF »](#)

**[PDF] Read Write Inc. Phonics: Pink Set 3 Non-Fiction 1 Jay s Clay Pot**

Click the hyperlink under to get "Read Write Inc. Phonics: Pink Set 3 Non-Fiction 1 Jay s Clay Pot" PDF file.

[Read PDF »](#)

**[PDF] Read Write Inc. Phonics: Green Set 1 Storybook 4 the Spell**

Click the hyperlink under to get "Read Write Inc. Phonics: Green Set 1 Storybook 4 the Spell" PDF file.

[Read PDF »](#)

**[PDF] Read Write Inc. Phonics: Orange Set 4 Storybook 2 I Think I Want to be a Bee**

Click the hyperlink under to get "Read Write Inc. Phonics: Orange Set 4 Storybook 2 I Think I Want to be a Bee" PDF file.

[Read PDF »](#)