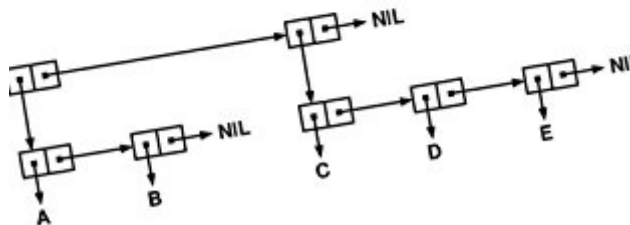# An Accessible Introduction To Common Lisp And Functional Programming

An Accessible Introduction to
Common Lisp
and
Functional Programming

Shin-Nosuke Yamada

Synopsis

#Currently, this e-book is only for Kindle tablet, not for iOS.#Although I got a one-star due to problems on iOS, I also got a five-star for the Japanese edition!'Good book, easy to understand -This book explains the basic ideas of Lisp in a friendly manner, and very easy to understand.Most of the textbooks on Lisp do not explain basic ideas enough, and the learning curve is so steep to follow examples. This book does not belong to this category. It gives you plain explanations, and there are a lot of plain examples. Descriptions contain no gaps, and they are very clear and succinct. The author took 3 years to complete his book. I appreciate his passion for promoting Lisp and its greatness, and therefore I give a five-star to support his activities.'The purpose of this book is to describe what Common Lisp is about, and what functional programming is about. Readers do not need any knowledge about computer programming. The most important feature of this book is efficiency. There are a lot of examples which enable readers to grasp features of Common Lisp at a glance. Every single function defined in this book is displayed with examples which show how the function work. Readers can read this book to the end with enormous speed, because readers can see results, and see the programmes after that.The programmes in this book are designed in a functional manner, and use no external libraries.Contents1 Functions, Symbols and Lists2 Recursive Functions3 Lambda List Keywords4 Tail Recursions5 MAPCAR6 Closures7 Multiple Values8 DO Loop9 Random Numbers10 Characters and Strings11 File Input and Output12 Macros13 Delayed Evaluations14 HTML15 Markdown 16 2D Computer Graphics17 3D Animation18 Orbits of Cerestal Bodies19 Lisp Programmes on PostScript Systems20 Binary Numbers 21 Huffman/LZ Data Compressionabout 400 pages

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Customer Reviews

This book is great! It helped me learn programming and I would heartily recommend it to anyone interested in learning to program (though it is really hard to get recursion the way this book explains it).

Very concise description of the language and how to use it.

Hacking: Tapping into the Matrix Tips, Secrets, steps, hints, and hidden traps to hacking: Hacker, Computer, Programming, Security & Encryption Jack and the Hungry Giant Eat Right With Myplate Information Architecture: For the Web and Beyond Keep Your Love On: Connection Communication And Boundaries The Smarter Screen: Surprising Ways to Influence and Improve Online Behavior The New Rules for Love, Sex, and Dating A Lifelong Love: How to Have Lasting Intimacy, Friendship, and Purpose in Your Marriage Information Theory: A Tutorial Introduction Beautiful Data: A History of Vision and Reason since 1945 (Experimental Futures) Garden City: Work, Rest, and the Art of Being Human. Fear and Faith: Finding the Peace Your Heart Craves To Heaven and Back: The Journey of a Roman Catholic Priest A Doctor's Tools (Community Helpers and Their Tools) Why Suffering?: Finding Meaning and Comfort When Life Doesn't Make Sense Rainbow Warriors and the Golden Bow: Yoga Adventure for Children (Rainbow Warriors Yoga Series) Touching Heaven: A Cardiologist's Encounters with Death and Living Proof of an Afterlife Machines of Loving Grace: The Quest for Common Ground Between Humans and Robots Husband After God: Drawing Closer To God And Your Wife Sex is a Funny Word: A Book about Bodies, Feelings, and YOU Learn Command Line and Batch Script Fast, Vol II: A course from the basics of Windows to the edge of networking