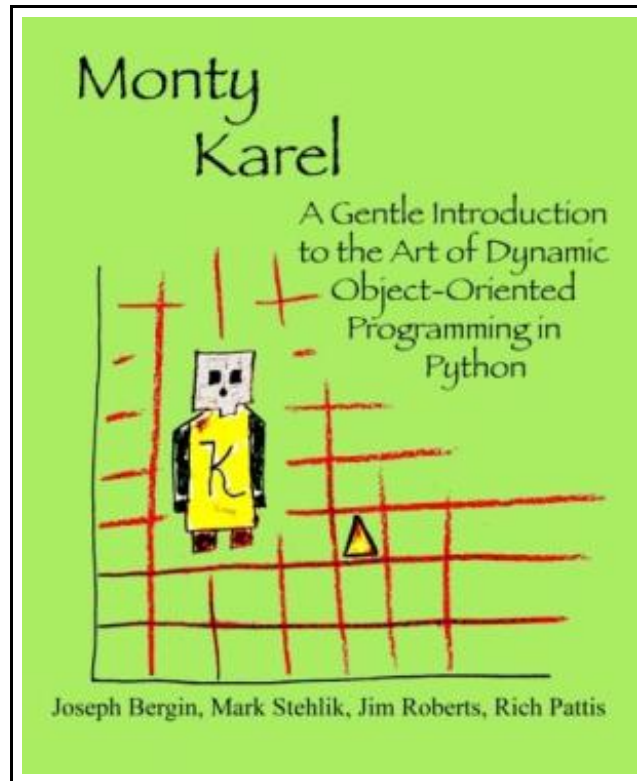# Monty Karel: A Gentle Introduction to the Art of Object-Oriented Programming in Python (Paperback)

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Reviews

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Dreamsongs Press, United States, 2013. Paperback. Book Condition: New. 236 x 190 mm. Language: English . Brand New Book ***** Print on Demand *****. Monty Karel is an introduction to computer programming for novices. It uses the Python programming language to introduce the principles of dynamic object-oriented programming. It is the latest version in the Karel The Robot series, originally developed by Richard Pattis. It is a true successor to the original, emphasizing problem solving in a simple but Turing Complete and interesting virtual world. Monty Karel stresses problem solving rather than language syntax. It has been shown to be an effective learning environment for novice programmers. A student able to do the exercises in this book, or one of its companions, is truly on his or her way to a deep understanding of programming. Learn to write sophisticated Python code in a few weeks. It is not a comprehensive treatment of Python, but emphasizes problem solving using objects, writing classes, and developing skill in algorithmic and polymorphic thinking. It goes beyond thinking of computing as just if and while. The advantages pointed out by reviewers of the earlier Karel J Robot apply to this version as well: Karel J Robot is an excellent introduction to modern computer science, without letting students get overwhelmed by the details of a programming language (even though it is real Java). KJR provides a framework for understanding Object-Oriented Programming from the very beginning. Students are encouraged to develop problem-solving skills by producing projects that solve very complex problems with a relatively small set of tools. Don Slater, Carnegie-Mellon University I have been successfully introducing students in grades 9 through 12 to programming using Karel for the past twenty years and Karel J Robot is the most effective version yet. Students love it! They find...

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