Karel The Robot: A Gentle Introduction to the Art of Programming, 2nd Edition
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DESCRIPTION

KAREL The Robot teaches students the fundamental concepts and skills of programming, quickly and easily. By emphasizing logic and structure over calculation, it provides a nontoxic introduction to the central ideas in programming.

This widely praised guide begins by introducing KAREL, a literal-minded robot whose built-in capabilities allow him to explore his world and manipulate simple objects in it. Once students learn the details of KAREL’s deceptively simple programming language, they will soon be designing well-structured programs that instruct KAREL to perform surprisingly complex tasks. Along the way students will be absorbing sophisticated programming concepts that will enhance their programming ability.

ABOUT THE AUTHOR

**FEATURES**

• What reviewers are saying...

• "I think *KAREL The Robot* is the greatest way to introduce programming concepts that I have seen."
  #Tim Thurman, University of Kansas

• "I first used this language in 1981 as a student. I found it to be stimulating and challenging. In 1984 I began using KAREL as a teacher. Since 1984 I have used KAREL every term except one. That term represented an experiment to see how students would do without using KAREL. I was not satisfied; the students performed poorly relative to those who used KAREL."
  #Peter Casey, Central Oregon Community College

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