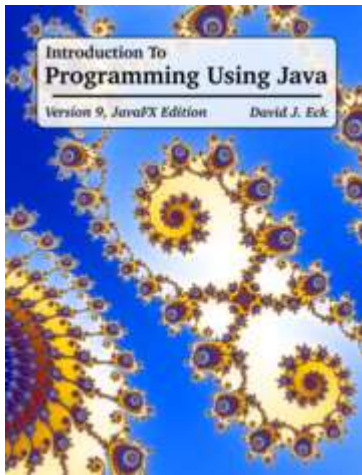# Introduction to Programming Using Java

Version 9.0, JavaFX Edition

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WELCOME TO Version 9.0 of *Introduction to Programming Using Java*, a free, on-line textbook for introductory programming that uses Java as the language of instruction. This book is directed mainly towards beginning programmers, although it might also be useful for experienced programmers who want to learn something about Java.

Version 9 covers Java 17. It updates the previous version mostly by moving definitively to Java 17 and by adding a new Swing edition. This edition of Version 9 uses JavaFX for GUI programming; an alternative edition that uses Swing instead of JavaFX is also available. Earlier versions of the book are also available; see the preface for links to older versions.

You can the download this web site for use on your own computer. PDF, e-book, and print versions of the textbook are also available. **Links can be found at the bottom of this page.**

Readers are strongly encouraged to try out the sample programs as they read the book! You can download the source code separately or as part of the web site using the links below. See the README file for information about how to compile and run the examples.

Short Table of Contents:

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