

Java Programming

About the project of this book...

- Recent changes
- If you have questions related to Java
- If you are interested in editing this book
- How to format the content
- Who is contributing
- Traffic ^[1]

This book is an introduction to programming in Oracle's Java™ programming language ^[2], a widely used programming language and software platform. This book serves as a comprehensive guide, complete with a series of tutorials to help users better understand the many ways one can program in Java. In its entirety, this book is meant to be both an introductory guide and a useful reference on Java and related technologies. As is the nature of this book, the content within the book is continuously being updated and revised. With every chapter within this book, the complexity of the context increases, building up on lessons learnt in the previous chapters. Beginners should therefore start from the beginning and proceed in a sequence throughout the material of the book.

If you are not familiar with Object Oriented Programming, you should first read the book Object Oriented Programming. Other special purpose books on Java, such as Java Enterprise Edition programming, Java Persistence, or Java Swing programming, with more details, would complement this book nicely.



Contents

Preface

- About this book
- History of Java
- Overview of the Java programming language
- The Java platform (JRE & JDK)

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- Installing Java on Your Computer
- Compiling programs
- Running Java programs
- Understanding a Java program

- Java IDEs

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- Loop blocks
- Boolean expressions
- Variables
- Primitive Types
- Arithmetic expressions
- Literals
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 - 3D programming
 - Java Native Interface
 - Invoking C
 - Byte Code
-

Appendices

- [Links](#)
- [Glossary](#)
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References

- [1] http://stats.grok.se/en.b/201404/Java_Programming
[2] <http://www.oracle.com/us/technologies/java/index.htm>

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