

Java Programming

Hu Zheng

To Construct Program using Java...

for **problem solving.**

Textbooks

◆ Introduction to Java Programming

Comprehensive Version Tenth Edition

– Java语言程序设计（基础篇） 原书第10版
梁勇 机械工业出版社

◆ Introduction to Java Programming

Brief Version Tenth Edition

– Java语言程序设计（进阶篇） 原书第10版
梁勇 机械工业出版社

Course Information

♦ Course schedule:

- week 4~18: Teaching
- week 19: Close-book Exam
 - ♦ 50 choice questions Scoring

♦ Scoring

- Homework(8+ times): 60%
- Final Exam: 40%

Content

- ♦ 01 Introduction to Computers, Programs, and Java
- ♦ 02 Elementary Programming
- ♦ 03 Selections
- ♦ 04 Mathematical Functions, Characters, and Strings
- ♦ 05 Loops
- ♦ 06 Methods
- ♦ 07 Single-Dimensional Arrays
- ♦ 08 Multidimensional Arrays
- ♦ 09 Objects and Classes
- ♦ 10 Thinking in Objects
- ♦ 11 Inheritance and Polymorphismppt
- ♦ 12 Exception Handling and Text IO
- ♦ 13 Abstract Classes and Interfaces
- ♦ 14 JavaFX Basics
- ♦ 16 JavaFX UI Controls and Multimedia
- ♦ 17 Binary I/O.ppt
- ♦ 20 Lists, Stacks, Queues, and Priority Queues
- ♦ 21 Sets and Maps
- ♦ 30 Multithreading and Parallel Programming
- ♦ 31Networking
- ♦ 32 Java Database Programming

Contact

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... to learn

- ◆ Practice
- ◆ Communicate
- ◆ Use Google/Baidu and Forum