

To The Student

What is this?

Basically this is a book that I'm developing for CIS 190 Introduction to Computer Science, as I currently teach it. Not all chapters are currently written, and all will doubtless be edited for mistakes, clarity, and further explanation, so I suggest that you print out the chapters *one at a time*.

Formatting

I've adopted a consistent formatting scheme throughout this document, as shown below. It will work whether you print in black-and-white or color, though color printing certainly conveys more information to you.

Formatting of Programming Code

keywords and other Java code – parts of the Java language

standard identifiers – code from standard Java libraries

ACM Java – code from the ACM Java libraries

programmer identifiers – identifiers that the programmer creates

quotes – quotes within the Java code

comments – comments within the Java code

Complete programs – which should compile and run perfectly

Other Formatting in the Book

Running console programs – with input, output and <Enter> keys as described below

term – a term that is defined and used for the first time in these notes

input – text input from the user in a running console program

output – text output in a running console program

↓ - represents a press of the <Enter> key in a running console program

□ – represents a press of the <Space> key in a running console program; this is shown only where spacing is really important

error message – messages that appear when you compile incorrect Java code

Running graphics programs

What about errors in this document?

There will be errors or things I haven't explained clearly or just left out. Your comments and criticism are expected and welcome. **Please draw any issues to my attention:**

- send me an email with the section/subsection name and a description of the problem
- or tell me about it before or after class
- or mark a printout and give it to me
- or go the FreeJavaBook.org page, visit the support forum and make a comment in the Report a Problem section.

My goal is to make this book as close to error free as possible, and your help is very much appreciated.