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. 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

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• 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.