

Java Applications

CS4000 Section 003

Term: Summer 2, 2002

Meeting Information

Days: MTWRF

Time: 2.00 3.50

Place: CP201

Instructor

Name: Marcello Balduccini

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Office Hours: By appointment

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Textbook

Title: JAVA – How to program
Fourth Edition

Author: Deitel & Deitel

Publisher: Prentice Hall

ISBN: 0-13-034151-7

Goals and Objectives

The goal of this course is to learn to write Java Applications. We will cover a broad range of issues, from the design of graphical interfaces, to the techniques for building distributed applications.

Pre-requisites

No knowledge of Java is required, but I will assume that students have some programming experience and knowledge of object oriented programming. Some knowledge of operating systems may be useful, but not required.

Policies

Grading

The course grade will be based on demonstration of student's grasp of the concepts through exams and projects.

The course will be graded on a standard 90-80-70-60 distribution for grade levels.

Examinations: There will be frequent tests. Tests are intended to give the students the opportunity to check his/her level of understanding of the topics explained in class.

Projects: There will be one or two projects, on which the final grade will mainly depend. For each project, the students will be allowed to choose among a set of applications. Materials to be turned in for each project are a copy of the source code and a (short) written report describing what was done for the project. The report and the code should be turned in via email. The report should be in a format that is suitable for publication, and may be in either Postscript or PDF. Reports in any other format will not be accepted. The use of \LaTeX is **strongly encouraged**. The project assignments will specify the expected length of the accompanying report.

Resources Available

The World-Wide-Web contains a huge amount of resources useful to Java programmers. The Java web site at Sun Microsystems (<http://java.sun.com>) contains online manuals for the language, as well as examples and links to tutorials.

When working on the projects, students are encouraged to browse the Internet to find information useful for their work.

Academic Integrity

You are encouraged to talk with other students about any assignments and questions, **but** make sure that you write your own programs and assignments. You may not copy another student's program (either with or without their knowledge) or write code for them. Please read the departmental policy statement regarding incompletes, cheating, and class attendance. You should all be fully aware of the department policies regarding cheating and plagiarism. These are serious offenses and will be treated accordingly.