



# ISE 208: Intermediate Programming

SUNY at Stony Brook

Fall 2009



# Course Description

“ISE 208 is an introduction to software creation including programming and system design techniques focusing on applications to business. This class introduces basic high level language programming constructs like iteration and also emphasises object-oriented programming. ISE 208 uses the Java programming language.”

Quick summary: object-oriented programming in Java



# Course Focus

- Basic concepts in Object-Oriented Programming
  - Review of variables, control structures, and methods
  - Techniques: design, debugging, searching/sorting
  - Inheritance and polymorphism
  - Exception-handling
  - GUI programming
- The Java programming language



# General Information


- Meeting Information:
  - Monday/Wednesday/Friday, 10:40 AM–11:35 AM, in Humanities room 3018
- Course Web page:

<http://www.cs.sunysb.edu/~ise208/>



# Instructor Information

- Michael Tashbook
- E-mail: [tashbook@cs.sunysb.edu](mailto:tashbook@cs.sunysb.edu)
- Office: Computer Science 1402 (next to Professor Pawagi's office)
- Office Hours:
  - Tuesday and Thursday, 12:30–2:30 PM
  - Online via AIM (username: MTashbook)



# Help Us to Help You!

- Please include your name and “ISE 208” in your message
- Describe your problem in detail
  - “I can’t do the homework” doesn’t help
  - “I don’t understand part 2 of HW 1” does

# Course Textbook

- Objects First with Java: A Practical Introduction using BlueJ, 4th Ed.
- David J. Barnes & Michael Kölling
- Prentice Hall/Pearson  
2008



# What Software Do I Need?

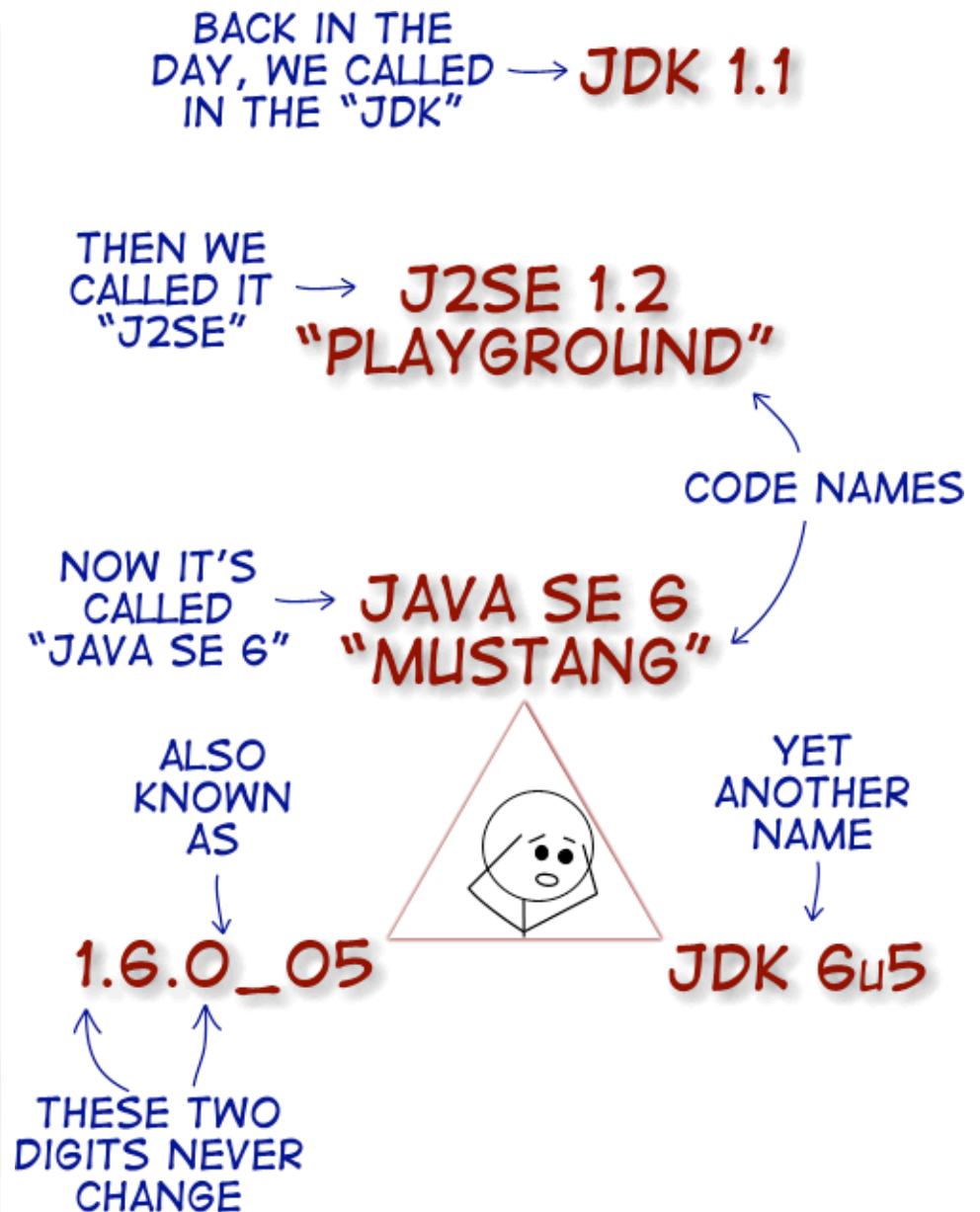
Java 1.5 or later

Download the J2SE 5/6 JDK from <http://java.sun.com> (Windows or Linux)

Download the **JDK**, not the JRE!

The BlueJ development environment

Free for all platforms from <http://www.bluej.org>





# CodeLab

- You also need to purchase access to CodeLab (\$25)
- CodeLab is an online set of programming exercises
- We will have weekly/biweekly CodeLab problem sets to give you additional practice with Java programming
- Register for CodeLab at <http://www.turingscraft.com>
- Use the section code **SUN-STOBRO-0735-0** to sign up



# Important Dates

- 9/7 – NO CLASS (Labor Day)
- 9/28 – Yom Kippur; class moved to 9/29
- 10/14 – Midterm Exam # 1
- 11/18 – Midterm Exam # 2
- 11/25, 11/27 – NO CLASS (Thanksgiving Break)
- 12/11 – Last class meeting
- 12/16 – Final Exam

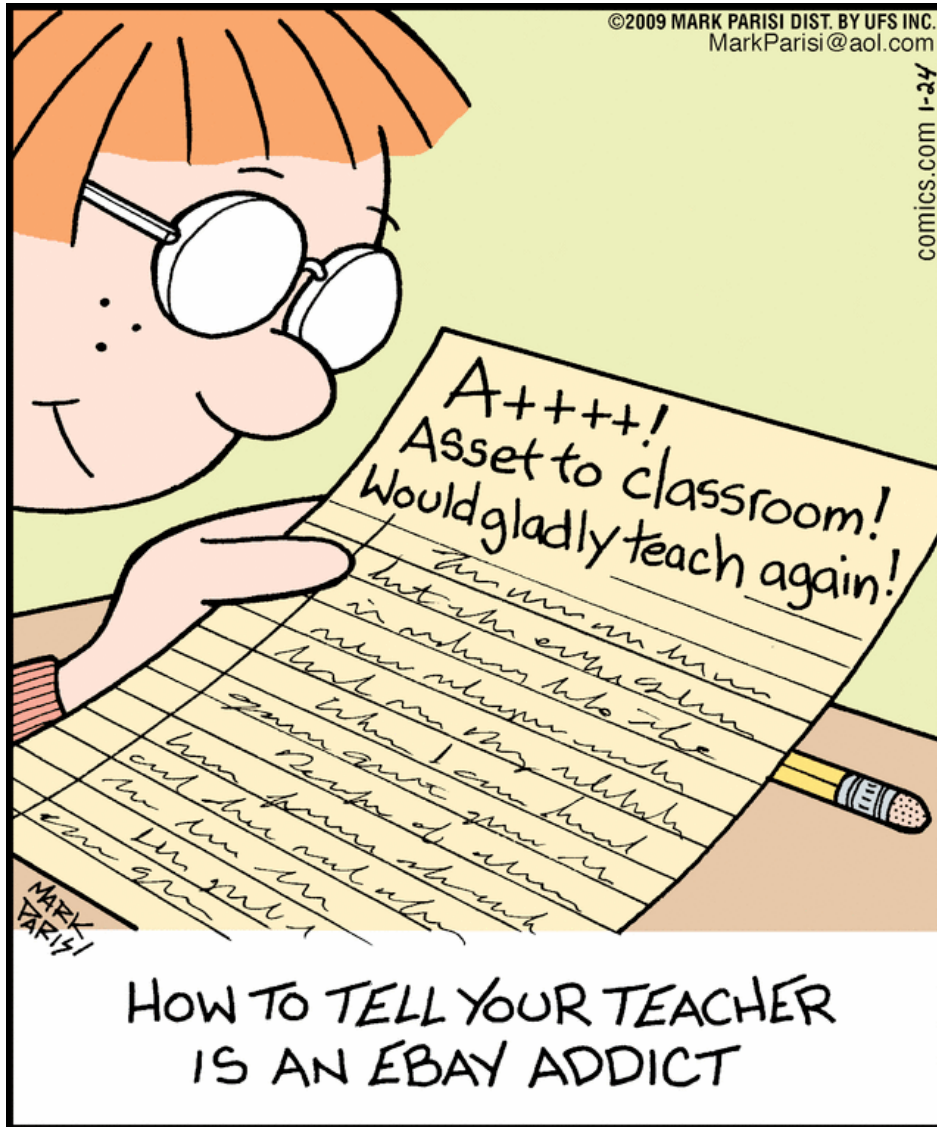


# Coursework Elements

- Programming Homework Assignments
- CodeLab problem sets
- 2 Midterm Exams
- 1 Final Exam

# Grading Breakdown

| Component               | Total Points Available |
|-------------------------|------------------------|
| Programming Assignments | 20                     |
| CodeLab Problem Sets    | 10                     |
| Midterm Exam # 1        | 20                     |
| Midterm Exam # 2        | 20                     |
| Final Exam              | 30                     |



# Grading Methodology

NO CURVE!

Each assignment has a point  
value (its weight)

Total for everything: 100 points

Final grade is based on the  
total number of points

94+ → A

84+ → B , etc.



# Notes on Correctness

- Correctness is BINARY: programs either work correctly OR they don't
- Assignment grading stresses program correctness (i.e., little or no partial credit will be given)
- Exam grading offers more partial credit
- Grades are based on performance, not perceived effort (or grade negotiation)



# Assignment Submission

- All assignments should be submitted electronically
- Deadlines are NON-NEGOTIABLE
  - Make-ups or extensions require a **VERY GOOD** excuse
- We reserve the right to refuse to grade late or improperly-submitted assignments

# Academic Honesty

You are free to discuss assignments with other students

Anything you submit **MUST** be your own

You **MAY NOT** share code or other answers!



Copyright © 2002 Creators Syndicate, Inc.



"Well, Jones has a photographic memory. Mine is more ... uh... mimeographic, which is why it's best for me to copy off him."



# Academic Honesty

- All assignments are subject to manual and automated similarity checking
- If you cheat, you will receive a 0 for the assignment and you may be brought up on academic dishonesty charges without warning
- You must turn in a signed copy of the ISE 208 Academic Honesty Agreement before you will receive any grades for the course
  - Download the form from the course Web page



# Keys to Success

- Plan ahead to avoid trouble
  - Busy labs, computer problems, traffic
- Start assignments as early as possible – deadlines are NON-NEGOTIABLE
- Take advantage of office hours (mine and those of the TAs)
- Use the textbook as a reference when working on assignments



# House Rules

- Call me “Mike”
- Please be on time
- Please respect your fellow students
  - turn off cell phones, etc.
  - Questions are always welcome
- Learning (and class) should be fun; if it isn't, let me know ASAP!