COM S 207
Programming -1
Java for non-majors

Simanta Mitra, Ph.D.
Department of Computer Science
Iowa State University
Introductions + Contact Info

- Instructor: Simanta Mitra
  - B21 Atanasoff
  - smitra@iastate.edu
  - 294-3463
  - Office Hours: TR 11-12

- Ugrad TA: Betty Nguyen, Kaila Krieser, + 3 more

- Grad TA: Patrick Carlson

- Website: will be on WebCT Gold (for evals) and on CS website (for all other info)
• **Com S 207. Programming I.** (3-1) Cr. 3. F.S. 
  *Prereq: Math 150 or placement into Math 140/141/142 or higher.*

• An introduction to computer programming using an object-oriented programming language. Emphasis on the basics of good programming techniques and style. Extensive practice in designing, implementing, and debugging small programs. Use of abstract data types. Interactive and file I/O. Exceptions/error-handling. This course is designed for nonmajors.
Course Design: Text Book

- **BIG JAVA**, Cay Horstmann, Wiley, 3rd Edition
  - Lots of exercises
  - Diagrams/Pictures.
  - Has advanced materials also, you can keep it for a long time as a reference.

- At the end of the class the student will be able to:
  - understand and use an object-oriented programming language,
  - design and write medium-size programs
  - Programming in the small....
Course Policies: General

- Introductions
- Contact Info
- Catalog Desc
- Design
- Policies

Note -- this is tentative idea for grading...have to work with Tas...

- Students will be tested at the computer. i.e. given a problem, write code for it and execute it!

- Students will progress through Levels of Competence.
  - White
    - Write a simple program, compile, execute
    - Use IDE
  - Green
  - Blue
  - Purple
  - Red
  - Black

- We will see how many students are what levels + homeworks etc – when we assign final grades.
Course Policies: General

- **Introductions**
- **Contact Info**
- **Catalog Desc**
- **Design**
- **Policies**

- **Attendance** - You are expected to attend ALL lectures.

- **Academic Honesty**
  - Cheating, plagiarism, and other academic misconducts will not be tolerated and will be handled according to the ISU's academic dishonesty procedures.

- **Special Accomodations**
  Any student who feels s/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific needs. Please contact the Disability Resources Office at 515-294-7220 in room 1076, Student Services Building to coordinate reasonable accommodations for students with documented disabilities.