

CISC 3120

C01: Introduction

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Outline

- Roll call
- Policy and organization of the class
- Student project & study teams
- Tool of the Trade
 - Git and Github
 - JDK
 - Eclipse and Eclipse project setup
 - Assignments

Policy and Organization

- At the class website:
 - <http://www.sci.brooklyn.cuny.edu/~chen/course/CIISC3120/>
- Blackboard
 - <https://bbhosted.cuny.edu/>
- Turing's Craft
 - <http://www.tcgo1.com>
 - <http://www.tcgo2.com>

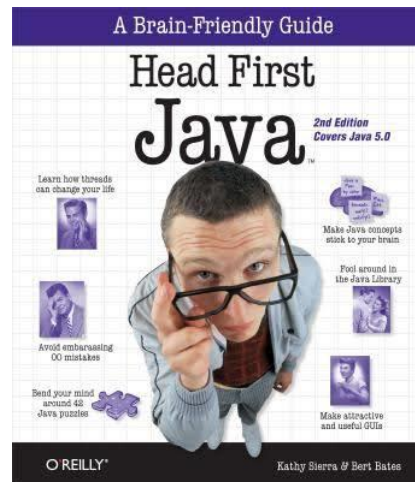
Learning Objectives

- Objected-Oriented Programming
 - Encapsulation, inheritance, polymorphism
- Application user interface and design
 - Text-based UI, graphical UI, and Human-Computer interaction
- Network programming
- Software development process and testing
- Java programming language & APIs
- Tools of the trade
- Research skills



Textbook and References

- Sierra, Kathy. 2008. Head First Java (2nd ed.). O'Reilly Media, Inc
- Other reading resources and reference books will be announced.



Academic Regulations and Procedures

- Academic integrity
- Student Disability Services
- Holidays and Religious Observations
- Important Dates

Grading and Components

- Attendance
- Assignments
 - Individual assignments
 - The CodeLab
 - Practice Programming Assignments
 - Team assignments
 - Projects
- Exams
 - Midterm and Final Exams

Questions?

- Policy & organizations
- Academic regulation and procedures
- Grading

Tools of the Trade

- Java (JRE and JDK)
- Eclipse
- Git and Github

Git and Github

- Git
 - A distributed version control (VCS) and source code management (SCM) system
- Github
 - A web-based version control system based on Git
- Two video tutorials on Git to watch

A Simple Git Workflow

- Assume without merging
 - git clone ...
 - Do something
 - git add ...
 - git commit
 - git push

Assignments

- Register the CodeLab
- Sign up a *free* Github account
- Complete *Practice W01-1_08-31*
 - *Watch the screen cast first*
- Complete *Project 0 in team*
 - *Watch the screen cast first*

Questions?

- Tool of the trade
- Assignments

Forming Teams

- Draw random ballot
- 5 students a team (7 teams)

Questions

- Policy and organization
 - Academic regulation and procedures
 - Grading
- Tool of the trade
- Assignments
- A simple poll: do you have a laptop or a computer?