Lecture 1 Introduction to Module



Why study JSD?

PR1

Java syntax

Simple problems



SE1

SE process

- design
- testing
- debugging

Program architecture



Basic program design

PR2

Verifiable programs

Use ADTs



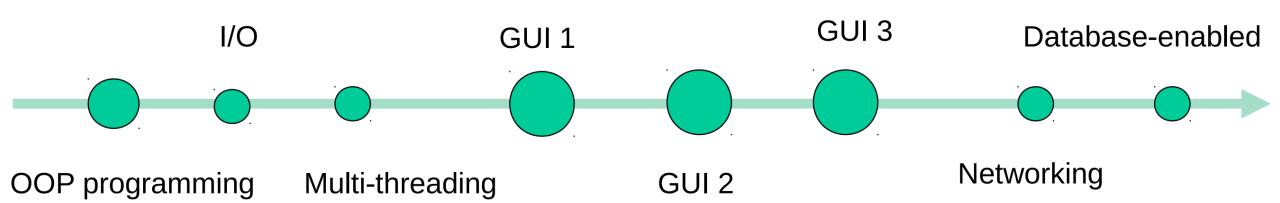
Why study JSD?

Develop desktop applications

- File I/O (Text/ Object data file)
- Multi-threading programming
- Graphical User Interface (GUI) SWING
- Client/Server networking
- Database-enabled programming

Advanced Java features

- Generics
- Meta programming
- Functional programming
- Web development



Assessments

Attendance 10%

• Bonuses for in-class performance

Assignment 1 10%

• OOP

Assignment 2 20%

Desktop application

Final Exam 60%

Covers all core materials