

Java Programming

— Overview · Tutorial —

Waseda University

Overview of this lecture

This lecture is aimed to learn basics of the [Java](#) language on the [UNIX](#) operating system.

Aim

- Using basic UNIX commands
- Understanding programming and software
- Writing/Debugging Java programs

Flip style lecture

- You must watch a lecture Video before each lesson.
- You solve an exercise and submit your answer via the CourseN@vi system.
- If you have any questions, you can ask your teacher or teaching assistants (TAs).

Curriculum

Overview & Tutorial

Introduction to UNIX system

Compile · Run · Standard Input/Output

Variavles · Operations

Branches

Loops

Arrays · Reference Types

Functions (Method)

Concepts of Class · Strings class

Overloading · Extends

File Input/Output

Graphics

In each lesson, you will solve exercises and submit your answer via the CourseN@vi system.

Grading

Attendance

- You will fail your grade if you attend **less than 10 lessons**.
- You must register your attendance on the Course N@vi system.
- You will be marked absent if you delay more than 10 minutes.

Evaluation

- Number of attendance
- Exercises
- Homeworks
- Examinations

Caution

Any cheating (ex. copying someone's code entirely) is prohibited.

Others

Supports

Teacher and several teaching assistants will support your learning. If you have any questions about operations of computer and programming, you can freely ask your teacher or teaching assistants.

Web site & Course N@vi

The web site of Java programming is available from follows:

<http://www-it.sci.waseda.ac.jp/ICS/>

Information about this lecture appears in the web site. Please check this out.

Preliminaries

Students are assumed to already learn the basics of computers. You should learn them by yourself if you are inexperienced.

Until the next lecture

Until the next lecture, you should check the following videos for learning the Java language:

Videos

- Introduction to UNIX system
- Introduction to UNIX commands
- Introduction to Emacs