



Programming Language & Compiler

Overview

Hwansoo Han

Course Info

- ❖ Class web page
 - Lecture slides
 - <http://arcs.skku.edu/Courses/ProgrammingLanguages>
 - Programming Assignments, Homework, ...
 - <https://icampus.skku.edu>

- ❖ Instructor: Prof. Hwansoo Han

- ❖ TA
 - Grad Students @ARCS (#85565)

Prerequisites

❖ Prerequisite Courses

- Data Structure
- System Programming
- Automata
- Java programming practice (ANTLR-based PA)
- C/C++ programming practice (flex-bison based PA)

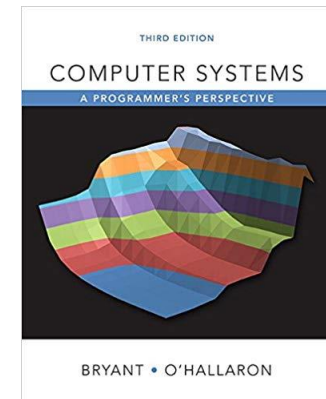
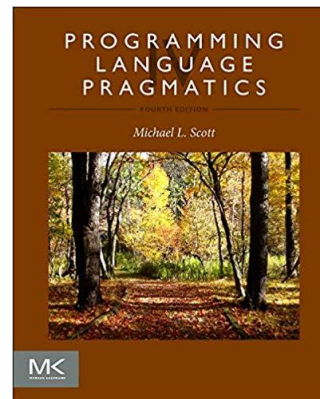
❖ Programming Skill

- Commands in Linux environment (ls, cd, cp, rm, mv, mkdir, ...)
- Java programming (javac, java, vi/emacs, ...)
- C/C++ Programming (gcc, gdb, vi/emacs, ...)

Textbooks

❖ Textbook

- Engineering a Compiler (2nd ed.)
- Programming Language Pragmatics (4th ed.)
- Computer Systems – A Programmer's Perspective (3rd ed.)



Grading

❖ Exams	60%	
▪ Midterm		30%
▪ Final		30%
❖ Programing Assignments	30%	
▪ ANTLR exercise		5%
▪ ANTLR based parser & symbol table		10%
▪ Type Analysis		15%
❖ Misc.	10%	
▪ Homework & quiz		5%
▪ Attendance		5%

Grading Policy

❖ Must – otherwise you will get 'F' grade

- Take midterm and final exams
- Submit all programming assignments
- Attend 13 weeks and more out of 15 weeks
(including on-line classes)

❖ Allowed

- To be absent from 3 classes (**No-Need-To-Ask**)
 - From the 4th absence, it will be reflected on your final grade
- Not to submit homework, but it will be reflected on your final grade
- Not to take quizzes, but it will be reflected on your final grade

To-do-list

- ❖ All programming assignments are individual projects
- ❖ Ready programming environment
 - Linux machines (on VirtualBox)
 - JDK, JRE, ANTLR
 - Flex/bison, GNU compilation (build-essential)