

C Programming

Lecture 1 : Introduction

Bong-Soo Sohn

Associate Professor
School of Computer Science and Engineering
Chung-Ang University

Course Overview

- Level
 - all CSE undergrad students except 1st year student
- Course Topics
 - Basics of C programming (Beginner Level)
- Course Objectives
 - Learn Basic Concepts and Knowledge of C Programming
 - Learn Grammars of C Language
 - Acquire Ability of Problem Solving and Program Design Using C
- This course assumes that students do have some background and experience on C programming.

Evaluation

- Midterm Exam : 35%
- Final Exam : 35%
- Homework : 25%
- Class Participation, Attendance, Attitude : 5%

- You may get F grade if you miss (more than) $\frac{1}{4}$ of the whole classes

- Academic dishonesty (e.g. cheating, plagiarism, and etc.) will be taken seriously. Heavy penalty will be imposed

Course Information

- Lecture Time & Place
 - Time : Mon 2, Wed 1,2
 - Place : 208-515

- Professor Information
 - Office : 208-501
 - Email : bongbong@cau.ac.kr
 - Office Tel : 820-5843
 - Office Hour : The 2pm-3pm, or individual appointment

Announcement

- Class Website
 - <http://cau.ac.kr/~bongbong/c12>
 - Class information such as lecture notes are accessible through this website
 - We will also use eClass for homework submission
- Programming Assignments
 - We encourage to study and discuss together for doing programming assignments.
 - However, you must do programming YOURSELF.
 - You must not share any of source code with other students.
 - Any kind of academic dishonesty will be taken seriously.

Schedule

1	Overview of Computer System
2	Intro. to C Programming, Compilation
3	Variables, Data Types, Operators
4	Basics of I/O , Preprocessors
5	Control Flow
6	Function 1/2
7	Function 2/2
8	Midterm Exam

Schedule

9	Array 1/2
10	Array 2/2
11	Pointer
12	String
13	Structures
14	Dynamic Allocation
15	File I/O Processing
16	Final Exam

Text Book

- There is no required text book.
- Recommended Reference
 - “Playing with C” 우균, 창병모
교보출판 (We will look at many example codes accessible in this book during the class)

Class Formats

- Lecture on grammars of C programming language
 - Powerpoint slides
 - We will have lots of questions and discussion
- Practice in the lab (4th floor).

Important Notice

- Academic Dishonesty
 - You must not turn in homework that is not yours.
 - You must prevent your work from being stolen.
- Class Behavior
 - Come to class on time. Do not leave early.
 - Don't be disruptive during class.
- Academic dishonesty or bad class behavior will be seriously penalized