Programming #1

C Programming Language

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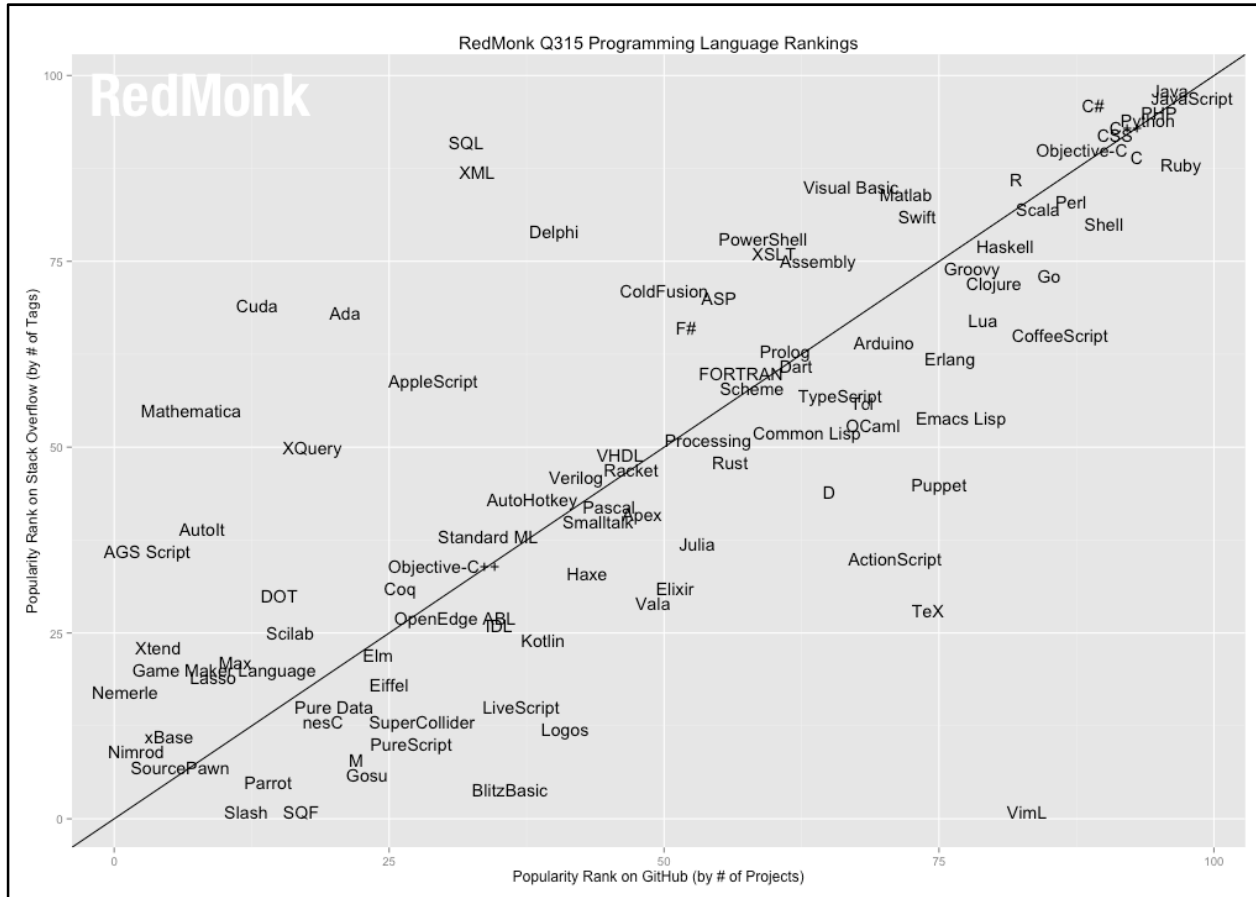http://embedded.dankook.ac.kr/~baeksj

C Programming Language

- A programming language
- Developed in 1972 by D. Ritchie at Bell Lab' of AT&T
- Developed to be used in UNIX operating system
- Simple and easy

➔ **C, UNIX, Linux, and Android**

Ken Thompson and Dennis Ritchie
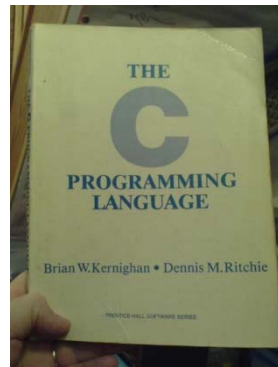
Programming Language Ranking - 2015

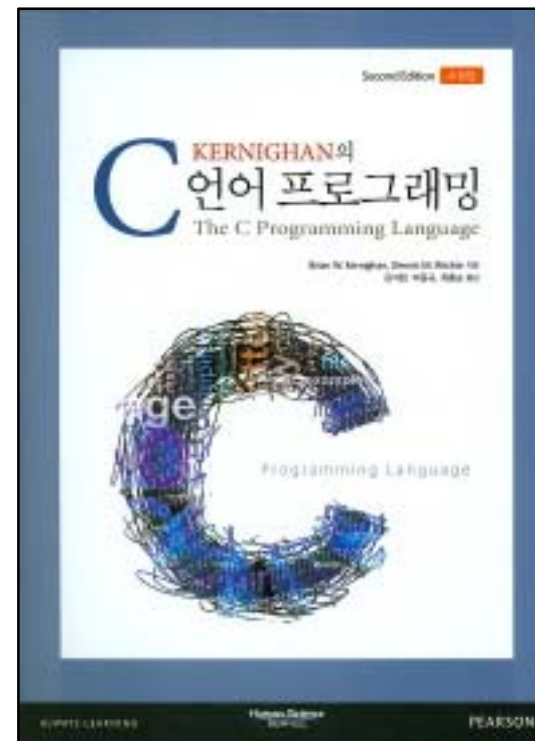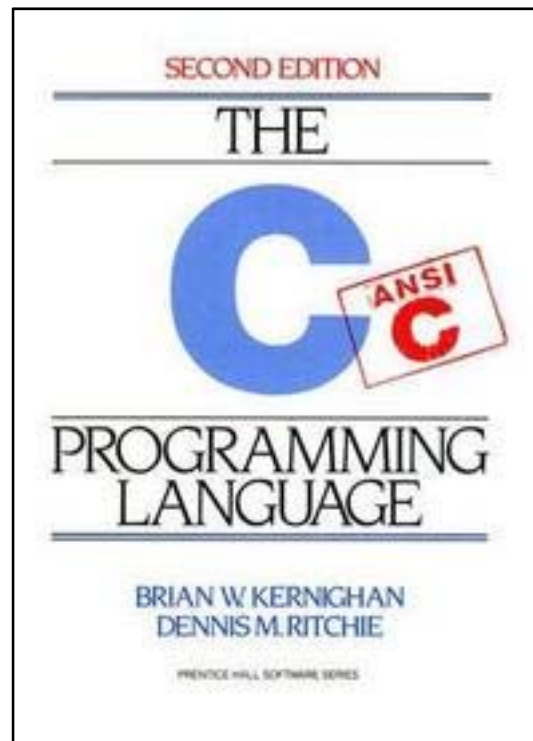**from redmonk.com**

from IEEE

Simple?

■ Yes. It's pretty simple, and therefore, very easy to learn

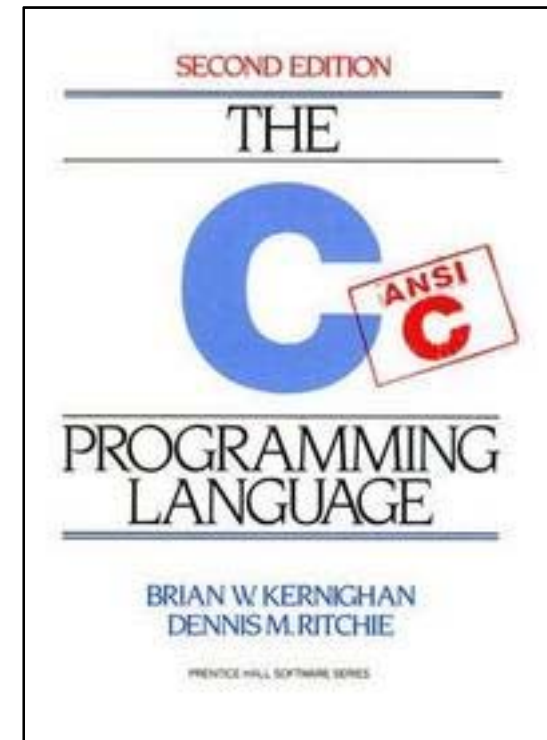**vs.**

- **The C Programming Language, 2nd edition, by Brian W. Kernighan and Dennis M. Ritchie (KR: C 언어 프로그래밍, 김석환, 박용규, 최홍순 옮김)**

Textbook: Contents

- **C Programming Language**

  1. A Tutorial Introduction

  2. Types, Operators, and Expressions

  3. Control Flow

  4. Functions and Program Structure

  5. Pointers and Arrays

  6. Structures

  7. Input and Output

  8. The UNIX System Interface

Teaching Method

- **Mainly lecturing**
  - ✓ Discussion (Q&A) during the course is quite important

- **Homework**
  - ✓ 4 or 5 times
  - ✓ Documentation, Programming

- **Grading**
  - ✓ Mid. exam(30%) + Final exam(30%) + Homework(30%) + Discussion/Attendance (10%)

Class Policies

- Cheating on exam and home works will results in a grade of "0" for the first time (for all involved students) and, an "F" in the course for the second time

- Late home works will not be accepted

- Exams will not be rescheduled except under extraordinary circumstances

- Absence more than 5 times or Exam. score below 20 will result in a grade of "F" as well