Day01 A

Young W. Lim

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Outline

Based on

"C How to Program",
Paul Deitel and Harvey Deitel

C Standard

- C99
- C11

C Standard Library

- #include <stdio.h>
  - preprocessor handles #include
    - there is a file stdio.h in some directory
    - includes the content of this file
    - this file has informations about the collection of standard of input and output functions

- Some standard i/o functions
  - printf() .... output to a display terminal
  - scanf() ...... input from keyboard
  - to use these functions, must use
    - #include <stdio.h>

C Development Environment

- vi t.c
  - editor . . . . type your program code
- gcc t.c
  - preprocessor . . . . handle #include things
  - compiler . . . . transform into t.o (object code)
  - linker . . . . combine with the printf() part of stdlib
- ./a.out
  - loader . . . . copy the a.out executalbe file into main memory