

Feb 10, 2021

today

recap questions

review ex2-2, 2-3, 3-1 *bsearch*

recursion

Makefiles

exercise 3-2



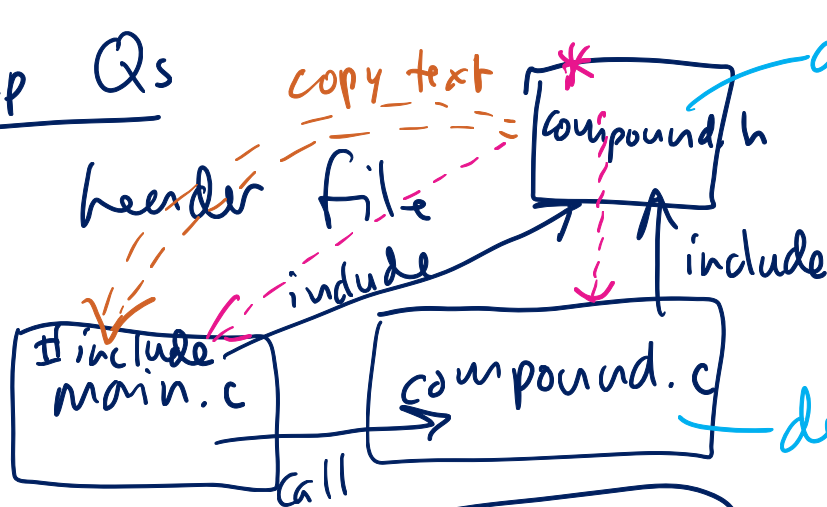
HW2 - due Tues Feb 16
by 11pm



slido.com
jhuip01
↑
zero

Recap Qs

1)



declarations

`double interest(double p, double r, ...);`

Also: data type decl., #define

multiple definitions BAD

definition

`double interest(double p, double r, ...) {`

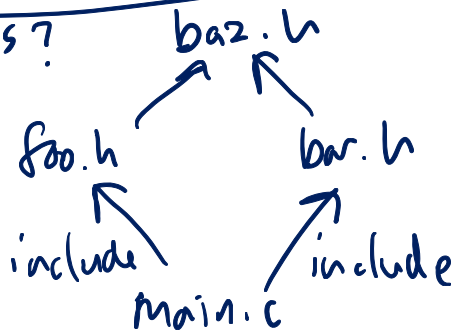


`}`

why header guards?



idempotent



2) compilation: $.c \Rightarrow .o$

linking $\underbrace{.o}_{1 \text{ or more}} \Rightarrow \text{executable}$

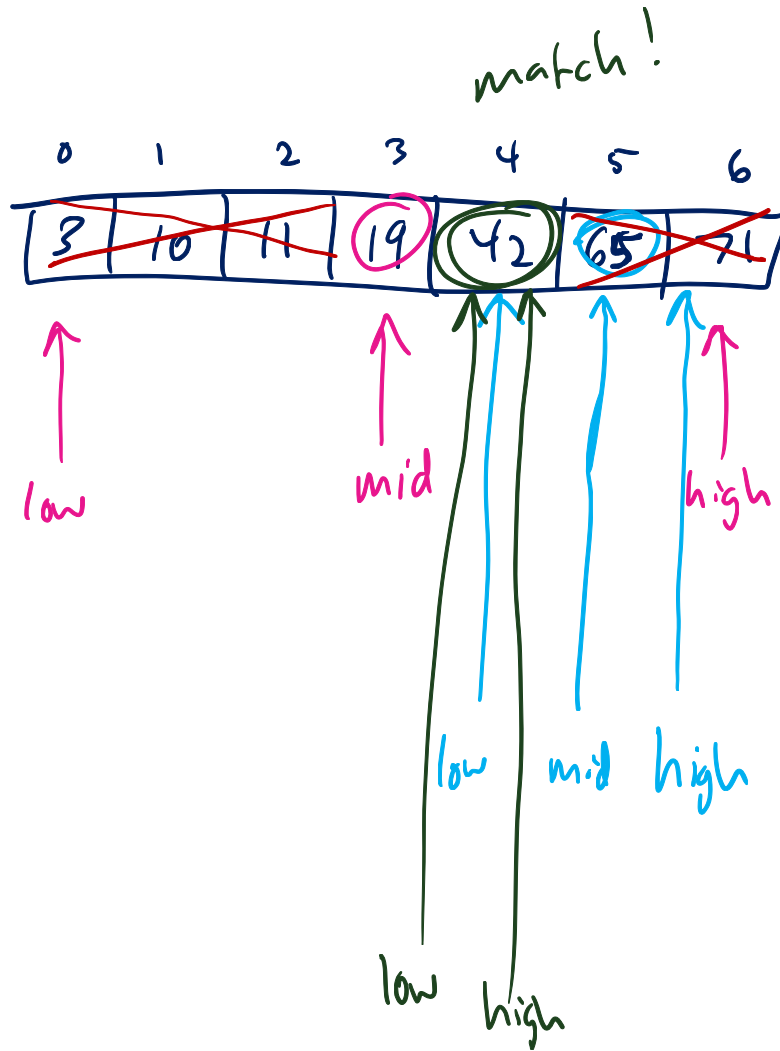
3) $\boxed{-c}$ $.o$ (object)

4) target \rightarrow file that can be "built"
 \searrow derived from other files

$\boxed{\text{make compound}}$
 \uparrow
target

- 5) - automation of compiling & linking
- rebuild only targets out of date

Binary search



search 42

2

Reversing
a character
string
recursively

