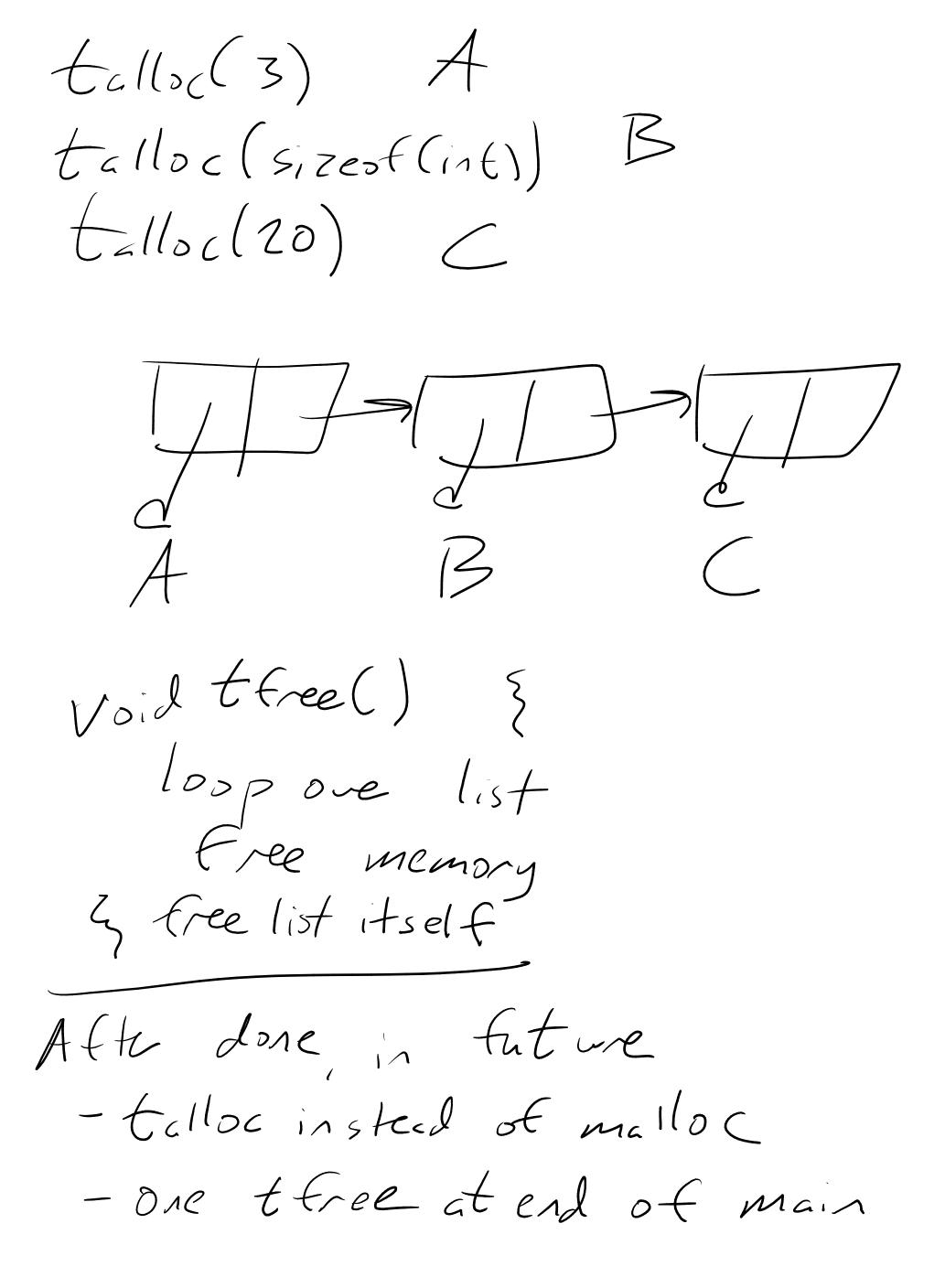
talloc assignment (part 2)
Compiles linter preters
(Note: class next Wed on Zoom)
We're building a linked list
malloc Free
Part 2: build a very rudinatary
garbase collector so don't need to
worry abut free
Void * talloc(int size) {
malloc memory
remembe it
7 Februa pointa to it



Compiler-traslates a program from one language to another
Interpreter - directly executes a program, "pretending to undestadit"
We regains to build one of each
source - Compiler -> target language
source -/ interpeter -> Program language - output
Source language: Greet

Greet program Out put hello 3 hello bye 2 hello hello hello 1 bye 69 e hello Tarset language: bash Implementation language - Ele language me will write the compiler in: Python

Myth to demostify bust. False fact some people believe: ((Anintapetar translates a Program line-by-line executing as it goes." This is not generally true and is generally unhelpful. Sust it: - what is a line of Scheme? - modity Greet. New command: Suppress, It it appear at end of program don't ever Print anything - Kython print (len(Ist))

Maaser - Keep evagone paticipating Scribe - vrites answers for group Reader - read & out loud for group Presenter - share I rest of class