

comp1511 week 9

starting ~9:08am

notices

- assignment 2 released :)
- assignment 1 marking in progress

style tips

- **nice work overall from everyone :D**
- **#defines**: use them for constants!
 - Eg. SIZE - 1 instead of 7
- **functions**: short and sweet, should have one task
 - really, really important for writing good code
 - you can use them in if statements eg. if (coords_in_bounds(row, col))
- **function comments**: they go above the function and explain what the function does
 - input (including assumptions eg. “takes in a valid coordinate”), output (what it returns), any additional effects
 - comments that make sense on their own rather than “stage 1.2”
- ***any others you want to share?***

today

- malloc
- linked lists

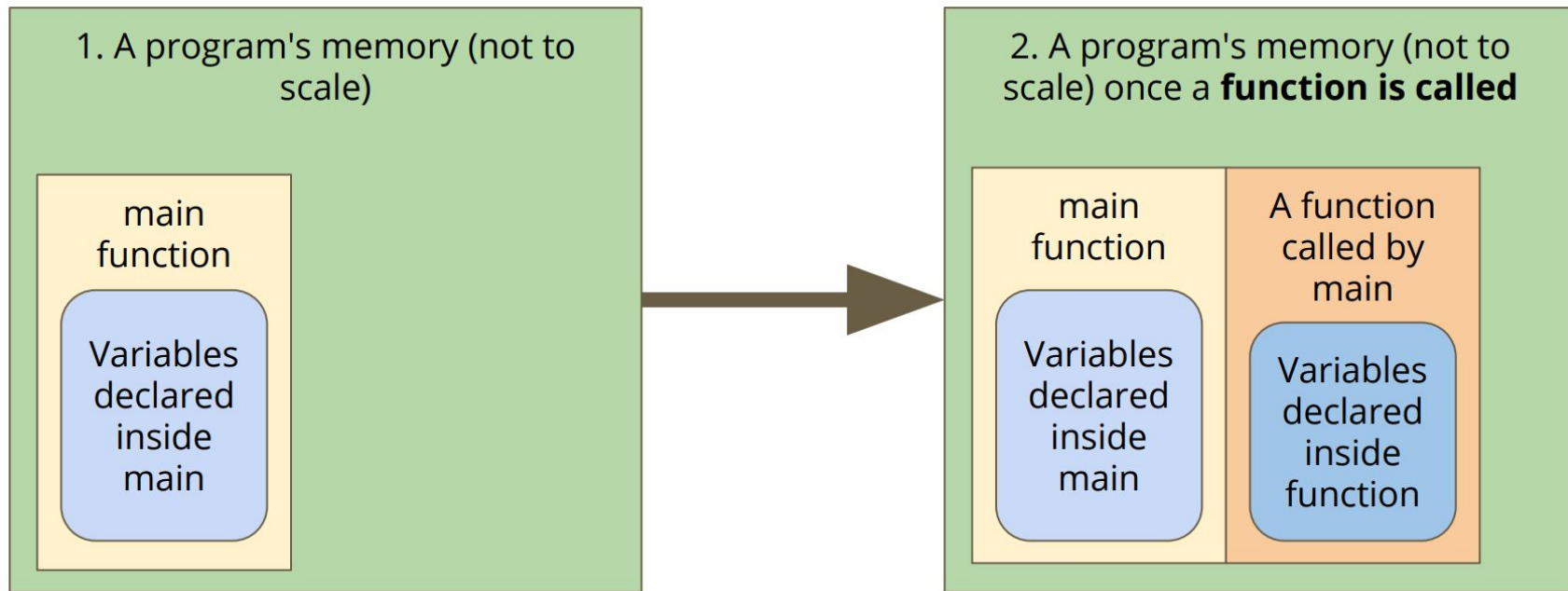
malloc

1. **malloc()** - what is it? what inputs? what outputs?
2. **sizeof()** - what does it give us?

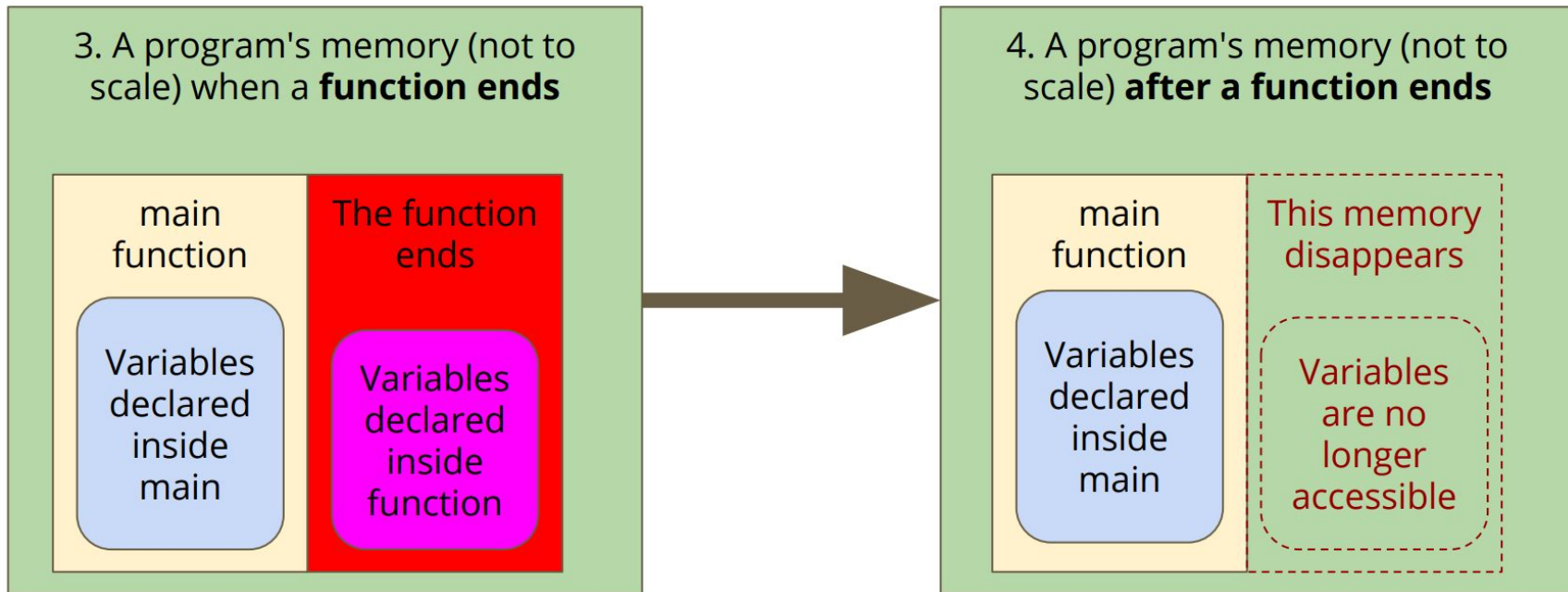
tutorial questions

<https://cgi.cse.unsw.edu.au/~cs1511/22T1/tut/08/questions>

what happens to memory we create inside functions?



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using malloc, we can assign some memory that's not tied to a function (placed on “the heap”)

