going from your bed to your online tute

comp1511 week 4

starting 5 minutes past the hour

Ada Luong & Patrick Chambers

today

- code review
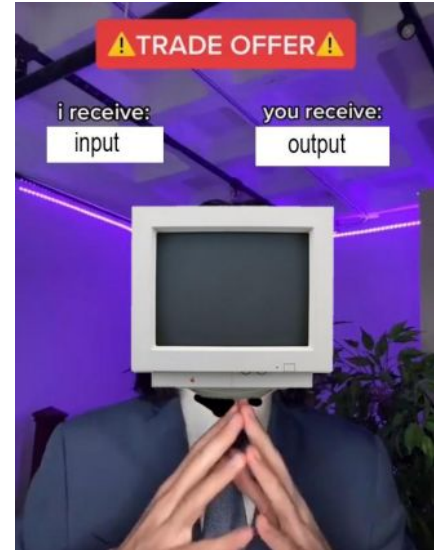- functions
- arrays
- scanf
- [lab time]

code review!

- happens a lot
- what are the good qualities of the program?
- what could be improved?

code review notes

- unnecessary comments
- indentation and whitespace
- unnecessary condition in else if statement - just use else
- program logic could be simplified
- no header comment

functions as a concept

- What are functions?
- What functions have we seen already?
- Why use functions when you can simply chuck everything in main?

functions as a concept

- What are functions?
- What functions have we seen already?
- Why use functions when you can simply chuck everything in main?

functions in code

- Creating and using functions
  - `functions_demo.c`
- Chat about function scope and "pass by value"
  - `change_number.c`

arrays
what are they and why do we care?

0	1	2	3	4	5
3	24	7	0	13	63

{ code demos and arrays }

`array.c`

- creating and initialising an array
- accessing elements of an array
- printing all the contents in an array (with functions)

`change_element.c`

- arrays, functions, and pass by reference

scanf is a function :0

```
scanf.md

scanf.c

scanning_numbers.c
```

Assignment 1: CSE Valley

- Have you watched Sasha's lecture detailing the assignment?
    - October 7 @ 6:30 PM AEST
- Have you downloaded the starter code and have it ready to work on your coding environment?

https://cgi.cse.unsw.edu.au/~cs1511/21T3/assignments/ass1/index.html

when you've downloaded the starter code for assignment 1

It ain't much, but it's honest work