



# Welcome to COMP1521!



(aka the best course)



# Admin

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- General questions that others can benefit from should go to the course forum
- Contacting me:
  - [s.schreyer@student.unsw.edu.au](mailto:s.schreyer@student.unsw.edu.au)
- Masks (please wear!!!)
  - CSE policy that everyone wears masks in labs
- Any general questions?

Nobody cared who I was until I put on the mask.



# Intros!

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- Name
- Degree + Year
- Fun fact!
  - If you don't want to do a fun fact, how about:
  - Something you did on your holidays?
  - Your favourite food?
  - Pineapple on pizza?



# What do you remember from 1511/1911?

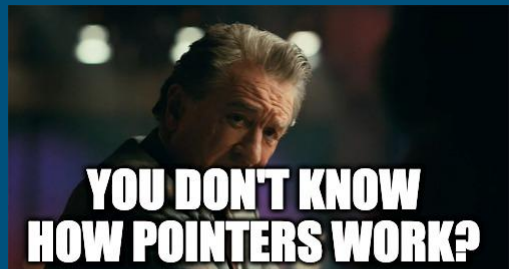
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Anything you don't remember so well?

- Pointers?
- Strings?
- Malloc?



Don't need to know linked lists for this course :)



# Time for content!

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# What are the heap and the stack?

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- Stack is where local variables from functions are stored
- Heap is where malloced variables are stored?

What about global vars?

- They're stored in the data section!

Stack (0xF7777777)  
(grows down)



Heap (grows up)

Data

Text (0x00000000)