Comp1521 Week 1

Welcome!

Admin!

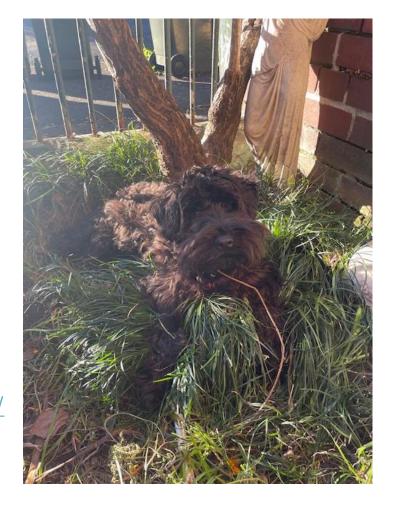
Intros

- Name
- What are you studying?
- Fun fact (optional)

My email: <u>a.brew@student.unsw.edu.au</u>

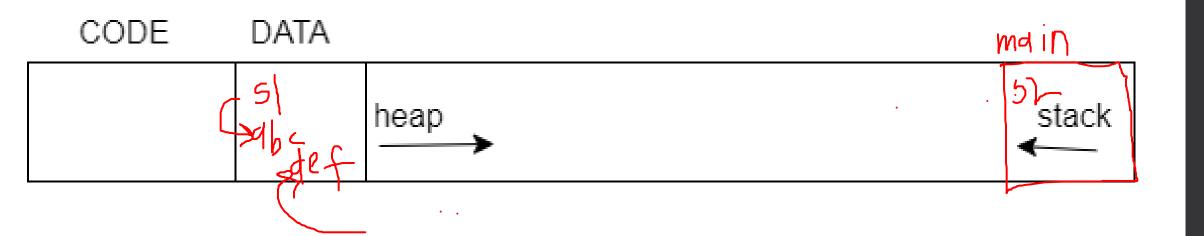
Class Website: https://cgi.cse.unsw.edu.au/~cs1521/24T3/

Course Forum: https://discourse-qa.cse.unsw.edu.au/

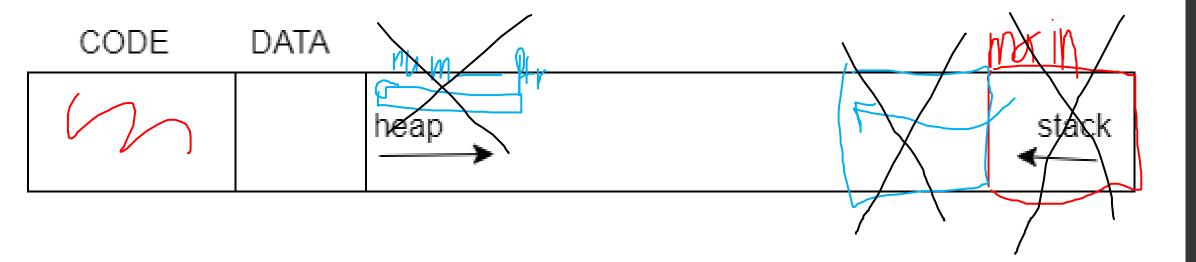


Memory

```
#include <stdio.h>
char *s1 = "abc";
int main(void) {
  char *s2 = "def";
  // ...
}
```



Pointers



Pointers (review)



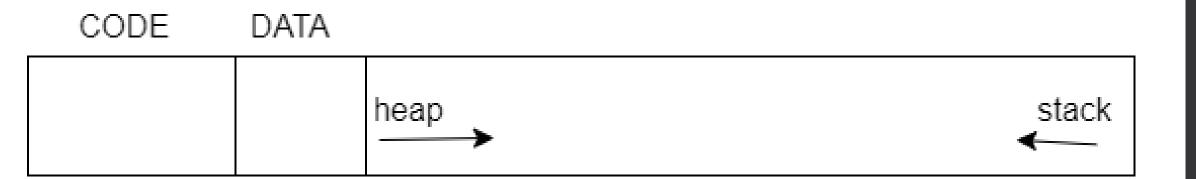
```
int number = 9;  // create an integer

int **num_ptr = &*num_ptr  // & => get address of a variable

int x = **num_ptr  // dereference, or get value at a pointer

**num_ptr = **num_ptr + 10;  // increase number by 10

printf("%d", number);  // will print 19
```



Strings

DATA



CODE

```
#include <stdio.h>
 int main(void) 🚪
     char str[10];
     str[0] = 'H';
     str[1] = 'i';
     printf("%s", str);
     return 0;
                                       stack
heap
```

Mai