

week 4, continued

# Fifth Monday

10/7

```
void swap(int a, int b)
{
    int tmp = a;
    a = b;
    b = tmp;
}
```

string

```
void swap(int a, int b)
{
    int tmp = a;
    a = b;
    b = tmp;
}
```

```
void swap(int *a, int *b)
{
    int tmp = *a;
    *a = *b;
    *b = tmp;
}
```

string

char\*



malloc

```
int main(void)
{
    int* x;
    int* y;

    x = malloc(sizeof(int));

    *x = 42;

    *y = 13;

    y = x;

    *y = 13;
}
```

to be continued...