Objectives for 10/13/2017 (Fri)

- **Files**
  - concepts
  - key functions
  - xxd
Quiz: 10/18 on Quiz 4. Score will replace Exam 1 page 2 if Quiz 4 is higher.

```
 jim [jim [0]]

*(jim + *jim)

& jim [......]

jim [jim [0]]

```

```
a -> x

\(\& a\) \times

(\& a) \rightarrow x

0 \times

```

```
a [i]

\(\& (a + i)\)

```

```
a [0]

```

* q

```

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`fputc(...)` → single character

`fwrite(...)` → copies bytes from memory directly (usually for images and other binary files)

`fprintf(...)` → like `printf(...)` but to a file.
Files (like memory) are just bytes.

(0 to 255)
0x00 to 0xff
00000000 11111111

linear sequence of bytes

xxd

filename

00000010
offset

20 74 68 69 73:.......
"this"

ASCII rendering
'o' for non-printable