

CS50 Supersection

(for those more comfortable)

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Command Line

- `cd ~ / cd - /`
- `cd . / cd ..`
- `ls -al`
- `echo`
- `mv`
- `mkdir`
- `rmdir`
- `rm -rf`
- `history`
- `man`
- `touch`
- `make`
- `*`
- `|`
- `>`
- `<`
- `!`
- `{ }`
- `./`
- `tab completion`
- `up/down`
- `variables ($CC, $CFLAGS, $LDLIBS)`

Escape Sequences

- `\n`
- `\t`
- `\a`
- `\b`
- `\r`
- `\uXXXX` (`\u263A == ☺`)
- `\"`
- `\'`
- `\\`
- `...`

Flags

- `%i` (or `%d`) for ints
- `%u` for unsigned
- `%f` for float
- `%08.4f` for formatted float (8 columns, 2 decimal places, prepended with zeros, e.g. 00003.14)
- `%c` for char
- `%s` for string
- `%%` for a literal `%`
- ...

sizeof (in the IDE)

- `sizeof(char) == 1`
- `sizeof(short) == 2`
- `sizeof(int) == 4`
- `sizeof(long) == 8`
- `sizeof(long long) == 8`
- `sizeof(float) == 4`
- `sizeof(double) == 8`
- `sizeof(string) == 8`