

Outline for January 28

Reading: Linux book, §1–4; *text*, §12

Assignments: Homework 2, due on February 1 at 11:55pm

1. Linux
 - a. File system: absolute, relative path (file) names; `ls`
 - b. The shell, running commands
 - c. Search path, other environment variables
 - d. Shell wildcards
2. Handling exceptions
 - a. Using global variables as error flags [*except6a.py*]
 - b. `raise` [*except7.py*]
3. Common exceptions
 - a. `ZeroDivisionError` — attempt to divide (or take the remainder of) something by 0
 - b. `TypeError` — operation or function applied to operand of wrong type
 - c. `SyntaxError` — Python parser encountered a malformed statement
 - d. `NameError` — local or global name is not found
 - e. `ValueError` — built-in function or operation applied to operator with illegal value
 - f. `EOFError` — input function encounters an end of file
 - g. Keyboard Interrupt — user hit the interrupt key (usually control-C)