

Outline for May 1, 2009

Reading: text, §7.4–7.6

1. Conditionals for error checking
 - a. Quadratic: check roots are real (see quad-e1.py)
 - b. Three points on the same line (see line.py)
2. Exceptions
 - a. try ... except
 - b. Three points on the same line (see line2.py)
 - c. Quadratic: check for bad input (see quad-e2.py)
 - d. Style: *avoid* exception line without type of exception!
3. Some common exceptions
 - a. ZeroDivisionError
 - b. TypeError
 - c. SyntaxError
 - d. NameError
 - e. IOError
 - f. How to figure out what an error is
4. Design example: compute minimum of three values
 - a. First: direct comparison (see least1.py)
 - b. Second: cascade (see least2.py)