

Outline for October 27, 2021

Reading: §7

Assignments: Homework 3, due November 8, 2021

1. Handling exceptions
 - (a) `except` [*except0.py*]
 - (b) `except exceptcode` [*except1.py*]
 - (c) `else` [*except2.py*]
 - (d) `except exceptcode as msgvar` [*except3.py*]
 - (e) `finally` [*except4.py*]
 - (f) Exceptions in a function: who handles them? [*except5.py, except6.py*]
 - (g) Using global variables as error flags [*except7.py*]
 - (h) `raise exceptcode message` [*except8.py*]
2. Review: modifying parameter lists
 - (a) Not directly [*modpar1.py*]
 - (b) Using lists [*modpar2.py*]
 - (c) Why it works
 - (d) Using return [*modpar3.py*]
3. Writing a program to play rock-paper-scissors: top-down design
 - (a) Problem statement and general algorithm idea
 - (b) Data representation and program structure [*rps-1.py*]
 - (c) Figure out who wins [*rps-2.py*]
 - (d) Get computer choice [*rps-3.py*]
 - (e) Get user input [*rps-4.py*]
 - (f) Make it user-friendly [*rps-5.py*]