

Outline for November 10, 2022

Reading: §12, 13**Assignments:** Homework 3, due November 10, 2022

1. JSON [*json-ex.py*]
 - (a) What it is
 - (b) `json.loads`
 - (c) `json.dumps`
2. What is XML?
 - (a) Tree structure
 - (b) Elements, tags, attributes, attribute values
 - (c) Example: *sample1.xml*
3. Python and XML [*basic-xml.py*]
 - (a) `xml.etree.ElementTree`
 - (b) Parsing the tree from file input (`ET.parse()`), from a string (`ET.fromstring()`)
 - (c) Referring to elements
 - (d) Accessing tag names, attributes
 - (e) Finding nodes in the tree
 - (f) Dumping, writing the tree
 - (g) Removing an element and its descendants
 - (h) Changing an element's attribute
 - (i) Setting attributes