

Lecture 15: November 19, 2019

Reading: §13–13.3

Assignments: Homework 4, due on November 25 at 11:59pm

1. What is XML?
 - (a) Tree structure
 - (b) Elements, tags, attributes, and attribute values
 - (c) Example: *sample1.xml*
2. 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
3. Example: prettyprinting XML [*xmlpp.py*]