

Outline for March 4, 2019

Reading: *text*, §11

Homework: due March 8, 2018 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*]