

## Outline for March 12, 2018

Project: due March 19, 2018 at 12:30pm

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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*]