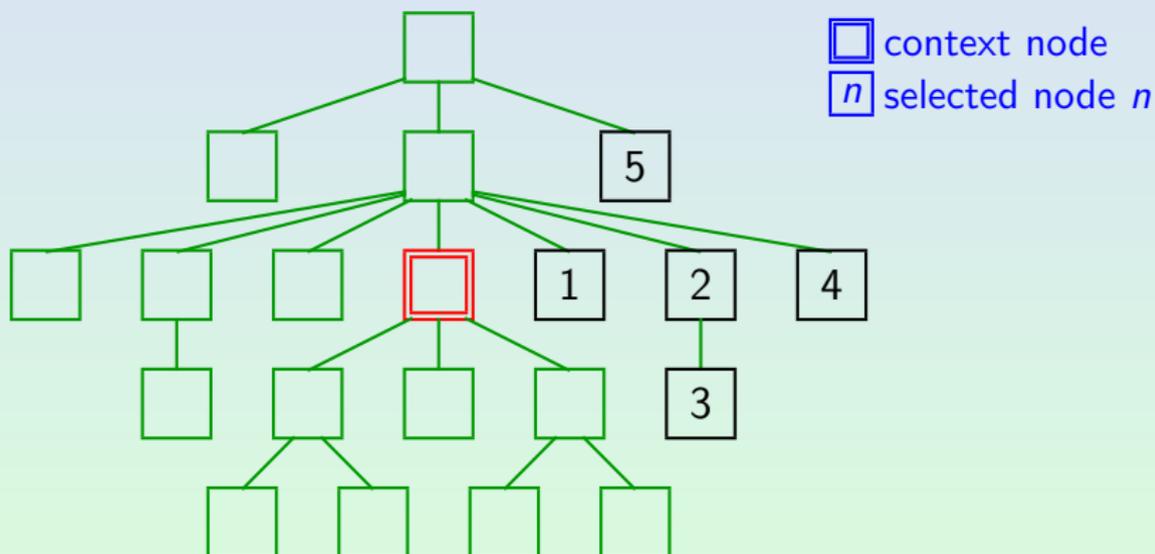


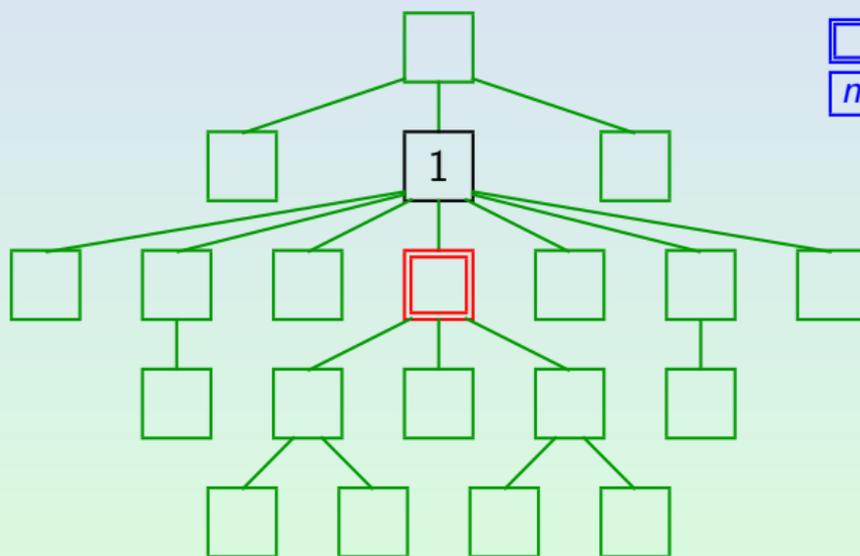
XPath Axis (10)

following:



XPath Axis (11)

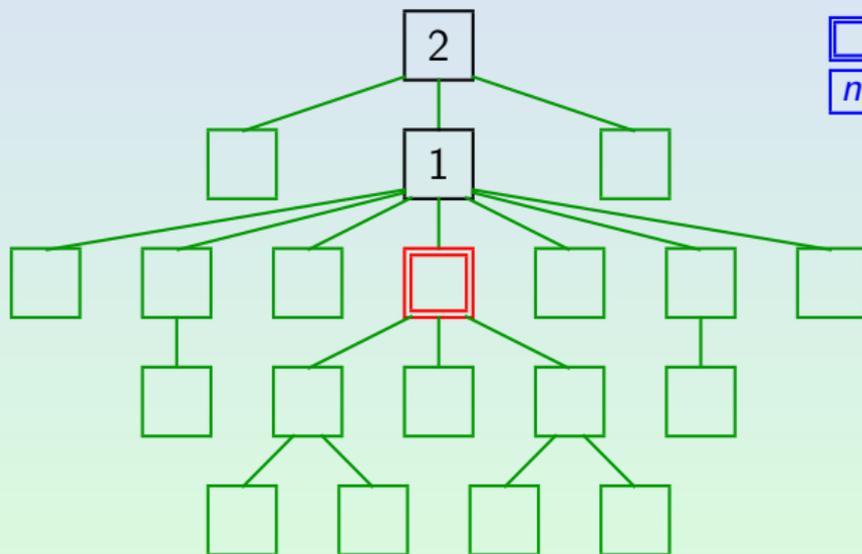
parent:



□ context node
 □ n selected node n

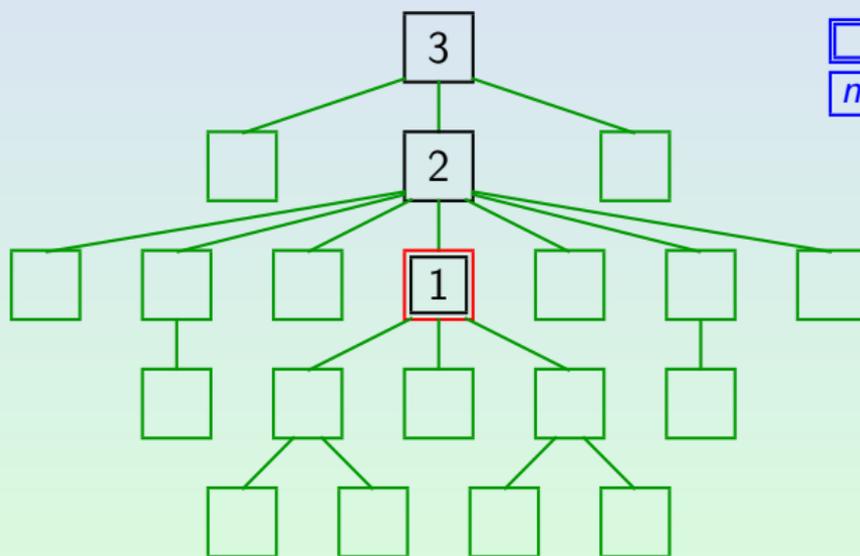
XPath Axis (12)

ancestor:



XPath Axis (13)

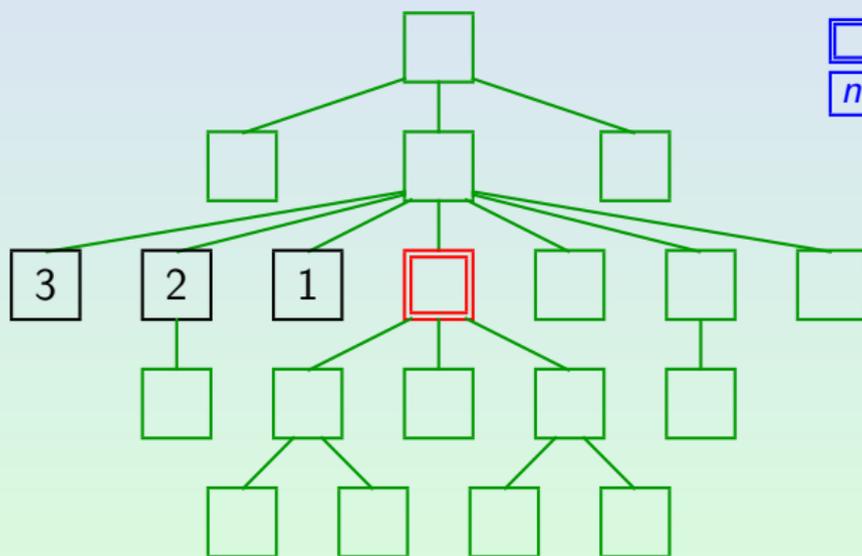
ancestor-or-self:



□ context node
 □*n* selected node *n*

XPath Axis (14)

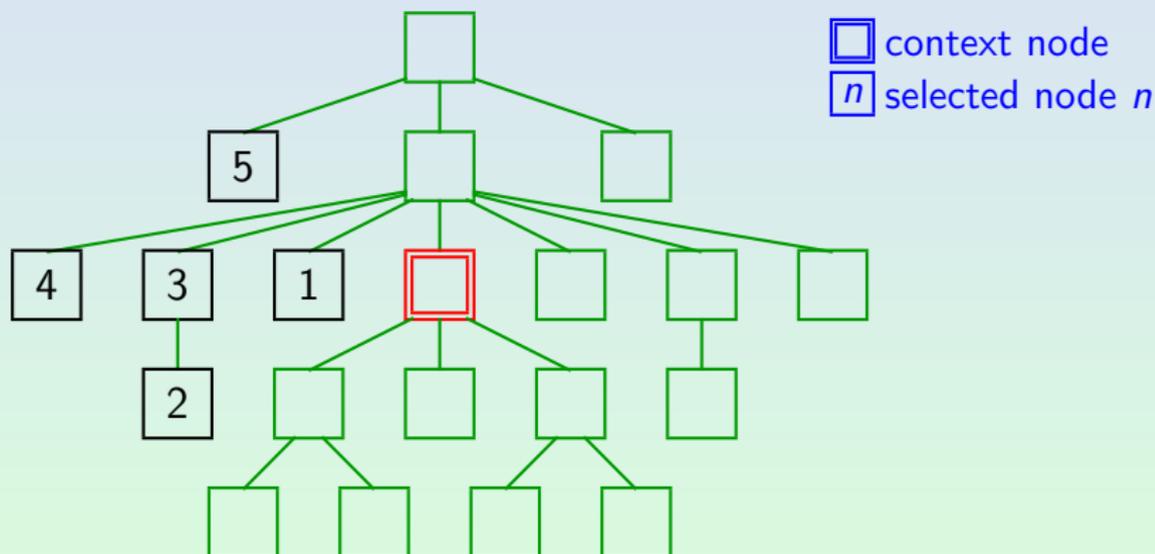
preceding-sibling:



□ context node
 □*n* selected node *n*

XPath Axis (15)

preceding:



Node Tests (1)

- A node test is a name test or a node type test.
- In XPath 1.0, a name test had one of the forms
 - **QName** (local name or prefix:local name)

Note that the standard default namespace declaration does not apply to XPath. Furthermore note that the namespace URIs are compared, not the prefix.
 - **NCName:*** (arbitrary name in given namespace)
 - ***** (no restriction)
- If a name test is used, the node type must be the principal type of the axis, which is “element” for all axis except the attribute and the namespace axis.

Node Tests (2)

- In XPath 1.0, the node types that could be used as node tests were:
 - `comment()`
 - `text()`
 - `processing-instruction()`
 - `processing-instruction('target')`
 - `node()`: All nodes reachable by the given axis.

There, the node type is e.g. “`comment`”, and the “`()`” makes it a node test. The problem is that there could be an element type “`comment`”, and the “`()`” distinguishes the node type test from the name test.

There were no node type tests for attribute and namespace nodes, because they are accessed via specific axis, and for document nodes, because this is accessed via “`/`”.

