```
// cut and paste these queries into your own test file.

// finds act, scene and speaker of famous
// line "Et tu, Brute! Then fall, Caesar."
// should return
//
//  <result>
//    <who>CAESAR</who>
//    <when><act>ACT III</act>
//          <scene>SCENE I.  Rome. Before the Capitol; the Senate sitting above.
//          </scene>
//    </when>
// </result>
//
//

<result>{
for $a in document("j_caesar.xml")//ACT,
   $sc in $a//SCENE,
   $sp in $sc/SPEECH
where $sp/LINE/text() = "Et tu, Brute! Then fall, Caesar."
return <who>{$sp/SPEAKER/text()}</who>,
      <when>{<act>{$a/TITLE/text()}</act>,
           <scene>{$sc/TITLE/text()}</scene>}
      <when>
}</result>

// group all acts by speaker, that is, return a list of elements
// of type
// element  speaks { element who {String}, (element when {String})+ }
//
// where the String contents of the <who> element is a speaker name,
// and the contents of the <when> elements are act names.

<result>{
for $s in document("j_caesar.xml")//SPEAKER
return <speaks>{<who>{$s/text()}</who>,
             for $a in document("j_caesar.xml")//ACT
             where some $s1 in $a//SPEAKER satisfies $s1 eq $s
             return <when>{$a/TITLE/text()}</when>}
      </speaks>
}</result>
```