Xquery 1:

for $department in

doc("school.xml")

//department

let $d := $department

where

contains($d/@departmentName, "software engineering")

order by $d

return $d/class

Xquery 2:

for $department in

doc("school.xml")

//department

let $d := $department

where

contains($d/@departmentID, "cs")

order by $d

return <school>{$d/class} </school>

Xquery 3:

for $school in

doc("school.xml")

//school

let $s := $school

where

contains($s/@schoolID, "sjsu")

order by $s

return <school> {$s/professor} </school>

Xquery 4:

for $professor in

doc("school.xml")

//professor

let $p := $professor

where

contains($p/@professorID, "10000")

order by $p

return $p

Xquery 5:

for $class in

doc("school.xml")

//class

let $c := $class

where

contains($c/@ClassID, "se 151")

order by $c

return $c

Xquery 6:

**for** **$department** **in**

*doc*("school.xml")

//**department**

**for** **$departmentla**

**in** *doc*("school\_ucla.xml")

// **department**

**let** **$d** := **$department**,

**$dla** := **$departmentla**

**where**

**$d**/***@departmentName*** = **$dla**/***@departmentName***

**order by** **$d**

**return** **$d**/**class**

Xquery 7:

**for** **$professor** **in**

*doc*("school.xml")

//**professor**

**for** **$professorla**

**in** *doc*("school\_ucla.xml")

// **professor**

**let** **$p** := **$professor**,

**$pla** := **$professorla**

**where**

**$p**/***@professorName*** != **$pla**/***@professorName***

**order by** **$p**

**return** **$p**

**⇒ htmlschool.xml**

**Xquery 8**

**xquery version "1.0";**

**for $professor in *doc*("htmlschool.xml")**

**//professor**

**return $professor/professorName**

⇒ htmlschool.xml

Xquery 9

**xquery version** "1.0";

**for** **$professor** **in** *doc*("htmlschool.xml")

//**professor**

**return** <professor>{**$professor**/**professorName**, **$professor**/**professorEmail**}</professor>