

Oct 28, 2014

COP-4722

Due: Thu, Nov 6
before class begins

Assignment-4

The purpose of this assignment is to familiarize with XQueries.

Write an XQuery for each of the following queries (q1.xq, q2.xq, ...) and test them on the company xml documents (included in "Galax\XQueries\company" folder of the Galax package).

1. For each dependent, output
 - a. dependent name
 - b. firstname, lastname of the corresponding employee
 - c. firstname, lastname of the manager for that employee
2. Output the firstname and lastname of each pair of employees who work for the same project. There should not be any duplicate reversed pair and no employee be paired with the same employee.
3. For each department, output
 - a. name of the department
 - b. number of projects controlled by this project
 - c. total number of hours worked by all employees for all these projects
4. For each project, output
 - a. project name
 - b. name of the controlling department
 - c. firstname, lastname of the manager of the department
 - d. total number of employee-work assignments (number of worker-project assignments from works_on) for the project

Compress all query files into a zip file (asg4.zip) and submit it through Moodle class website.
Submit a print out of all files along with the following signed declaration:

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Name: _____

Panther-ID: x x x -_____

Course: COP 4722

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I hereby certify that this work is my own and none of
it is the work of any other person.

Signature: _____

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