[90 min] DO: Assignment 9 / Query XML

Due Aug 10 by 9:29am   **Points** 100   **Submitting** a file upload   **File Types** pdf

Format

Method: Individual.
Materials: **freeformatter.com** **(https://freeformatter.com/xml-formatter.html)** or R

Instructions

Download this XML file containing information about books (**Books.xml** 📄) and save it locally, then write XPath expressions that satisfy the following queries. You can test the expressions using the **XPath evaluator on FreeFormatter** **(https://freeformatter.com/xpath-tester.html)** .

1. What is the title of the book written by "Galos, Mike"?
2. What are the publication dates of all books written by "O'Brien, Tim".
3. List the title and prices of all books in the "Fantasy" genre.
4. In what genre is the book with id "bk109".
5. List the title and author of all books that cost less than $5.

All questions are equally weighted. The results may not contain tags, *i.e.*, just return the values. For example, return *Fiction* as an answer rather than *<genre>Fiction</genre>*. If tags are present, automatic 50% deduction of marks.

Submission

Submit a PDF document that contains the queries and their results (as a screen shot from freeformatter.com, or R). We need to see the XPath expression and the result for every question. Number the questions. Automatic 50% deduction for a question if either XPath expression or result is missing.

CS5200.A9.Rubric				
Criteria	**Ratings**			**Pts**
Q1	**20.0 pts** **Full Marks**	**10.0 pts** **Adequate**	**0.0 pts** **No Marks**	20.0 pts
Q2	**20.0 pts** **Full Marks**	**10.0 pts** **Adequate**	**0.0 pts** **No Marks**	20.0 pts
Q3	**20.0 pts** **Full Marks**	**10.0 pts** **Adequate**	**0.0 pts** **No Marks**	20.0 pts
Q4	**20.0 pts** **Full Marks**	**10.0 pts** **Adequate**	**0.0 pts** **No Marks**	20.0 pts
Q5	**20.0 pts** **Full Marks**	**10.0 pts** **Adequate**	**0.0 pts** **No Marks**	20.0 pts
				Total Points: 100.0