

Data Bases II

XPath exercises

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SigmodRecord

Open the `SigmodRecord.xml` data source and solve the following.

1. Extract all articles
2. Extract all authors
3. Extract the total number of unique authors
4. Given a node (called `initPage`) select its parent
5. Select all the titles of papers with a single author
6. Select all authors that published as second authors (second position)
7. Select all titles of papers with only two authors
8. Same as above, but without using the function `count()`
9. Using axes, select all parents of all authors elements
10. Get all authors in fourth and fifth position
11. Get all document attributes
12. Get the text of each element that has at least one attribute

Factbook

Open the `factbook.xml` data source and solve the following.

1. Get the parent of each element that has a text
2. Get the name of all elements whose text is "Afghanistan"
3. Print all countries and their GDP