XSLT Compulsory Assignment

Por Jorge Novillo

Index

A. All titles of the document

```
PROBLEMS  2    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

XPath Query: //title

[Line 4] title: Everyday Italian
[Line 10] title: Harry Potter
[Line 16] title: XQuery Kick Start
[Line 24] title: XML The foundation of XQuery
[Line 28] title: Understanding the XPath specification
[Line 36] title: Learning XML
[Line 39] title: Introduction
[Line 43] title: Markup and Core Concepts
```

B. All titles of a book of the document

```
PROBLEMS  2    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

XPath Query: /bookShop/book/title

[Line 4] title: Everyday Italian
[Line 10] title: Harry Potter
[Line 16] title: XQuery Kick Start
[Line 36] title: Learning XML
```

C. All elements of a chapter

```
PROBLEMS  2    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

XPath Query: //bookShop/book/chapter|//bookShop/book/section/chapter

[Line 23] chapter:
                XML The foundation of XQuery
                14

[Line 27] chapter:
                Understanding the XPath specification
                15

[Line 38] chapter:
            Introduction
            24

[Line 42] chapter:
            Markup and Core Concepts
            34
```

D. All elements of a chapter in a section

```
PROBLEMS   2    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS
XPath Query: //bookShop/book/section/chapter

[Line 23] chapter:
                    XML The foundation of XQuery
                    14

[Line 27] chapter:
                    Understanding the XPath specification
                    15
```

E. All elements

```
PROBLEMS   2    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS
XPath Query: //*

[Line 2] bookShop:

        Everyday Italian
        Giada De Laurentiis
        2005
        30.00


        Harry Potter
        J K. Rowling
        2005
        29.99


        XQuery Kick Start
        James McGovern
        Per Bothner
        Kurt Cagle
        James Linn
        Vaidyanathan Nagarajan


                XML The foundation of XQuery
                14


                Understanding the XPath specification
                15


        2003
        49.99
```

```
        Learning XML
        Erik T. Ray

            Introduction
            24


            Markup and Core Concepts
            34


        2003
        39.95


[Line 3] book:
        Everyday Italian
        Giada De Laurentiis
        2005
        30.00

[Line 4] title: Everyday Italian
[Line 5] author: Giada De Laurentiis
[Line 6] year: 2005
[Line 7] price: 30.00
[Line 9] book:
        Harry Potter
        J K. Rowling
        2005
        29.99


[Line 10] title: Harry Potter
[Line 11] author: J K. Rowling
```

```
[Line 13] price: 29.99
[Line 15] book:
        XQuery Kick Start
        James McGovern
        Per Bothner
        Kurt Cagle
        James Linn
        Vaidyanathan Nagarajan


                XML The foundation of XQuery
                14


                Understanding the XPath specification
                15


        2003
        49.99

[Line 16] title: XQuery Kick Start
[Line 17] author: James McGovern
[Line 18] author: Per Bothner
[Line 19] author: Kurt Cagle
[Line 20] author: James Linn
[Line 21] author: Vaidyanathan Nagarajan
[Line 22] section:

                XML The foundation of XQuery
                14


                Understanding the XPath specification
```

Problems (Ctrl+Shift+M) - Total 2 Problems

```
[Line 23] chapter:
              XML The foundation of XQuery
              14

[Line 24] title: XML The foundation of XQuery
[Line 25] npages: 14
[Line 27] chapter:
              Understanding the XPath specification
              15

[Line 28] title: Understanding the XPath specification
[Line 29] npages: 15
[Line 32] year: 2003
[Line 33] price: 49.99
[Line 35] book:
        Learning XML
        Erik T. Ray

           Introduction
           24


           Markup and Core Concepts
           34

        2003
        39.95

[Line 36] title: Learning XML
[Line 37] author: Erik T. Ray
[Line 38] chapter:
           Introduction
```

F. Titles that have a chapter 1

G. The third book with all its information

```
XPath Query: bookShop/book[3]

[Line 15] book:
        XQuery Kick Start
        James McGovern
        Per Bothner
        Kurt Cagle
        James Linn
        Vaidyanathan Nagarajan


                XML The foundation of XQuery
                14


                Understanding the XPath specification
                15


        2003
        49.99
```

H. All elements with attributes

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

XPath Query: //*[@*]

[Line 3] book:
        Everyday Italian
        Giada De Laurentiis
        2005
        30.00

[Line 4] title: Everyday Italian
[Line 9] book:
        Harry Potter
        J K. Rowling
        2005
        29.99

[Line 10] title: Harry Potter
[Line 15] book:
        XQuery Kick Start
        James McGovern
        Per Bothner
        Kurt Cagle
        James Linn
        Vaidyanathan Nagarajan

                XML The foundation of XQuery
                14

                Understanding the XPath specification
                15

        2003

```
49.99

[Line 16] title: XQuery Kick Start
[Line 22] section:


                XML The foundation of XQuery
                14



                Understanding the XPath specification
                15


[Line 23] chapter:
                XML The foundation of XQuery
                14

[Line 27] chapter:
                Understanding the XPath specification
                15

[Line 35] book:
        Learning XML
        Erik T. Ray

            Introduction
            24



            Markup and Core Concepts
            34

        2003
        39.95
```

```
[Line 36] title: Learning XML
[Line 38] chapter:
            Introduction
            24

[Line 42] chapter:
            Markup and Core Concepts
            34
```

I. All elements with a category attribute

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS
XPath Query: //*[@category]

[Line 3] book:
        Everyday Italian
        Giada De Laurentiis
        2005
        30.00

[Line 9] book:
        Harry Potter
        J K. Rowling
        2005
        29.99

[Line 15] book:
        XQuery Kick Start
        James McGovern
        Per Bothner
        Kurt Cagle
        James Linn
        Vaidyanathan Nagarajan


                XML The foundation of XQuery
                14


                Understanding the XPath specification
                15


        2003
        49.99
```

```
[Line 35] book:
        Learning XML
        Erik T. Ray


                Introduction
                24


                Markup and Core Concepts
                34

        2003
        39.95
```

J. Books with no cover attribute

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

XPath Query: bookShop/book[not(@cover)]

[Line 3] book:
        Everyday Italian
        Giada De Laurentiis
        2005
        30.00

[Line 9] book:
        Harry Potter
        J K. Rowling
        2005
        29.99
```

L. Book's about markup languages

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

XPath Query: //*[count(chapter)=2]

[Line 22] section:

                XML The foundation of XQuery
                14


                Understanding the XPath specification
                15


[Line 35] book:
        Learning XML
        Erik T. Ray

            Introduction
            24


            Markup and Core Concepts
            34


        2003
        39.95
```

M. Titles whose author's name value has more than 15 characters

N. Title of paperback books with more than 30 pages in any chapter