

Fundamentals of Data Management

– 2019HS2 | 101624964 | Jimmy Trac

Past Task 2.1.2

The XQuery used was:

```
1 | james_reading_list/*/book/title
```

this gives us a result of:

```
1 | Fifty Shades of Grey
2 | The grass is singing
3 | A short history on nearly everything
4 | JSON in 24 hours
5 | Miss Smilla's feeling for snow
```

A preview of the query running:

Template / XPath 3.0 / XQuery 3.0 / CSS 3 Selector / JSONiq Online Tester

(You can find the documentation below)

HTML/XML-Input file: ○ Template ○ XPath 3.0 ○ 2.0 ● XQuery 3.0 ○ 1 ○ CSS 3.0 selectors ○ Aut

```
<james_reading_list>
  <finished_reading>
    <book>
      <title>Fifty Shades of Grey</title>
      <author>E.L.</author>
      <date_read>
        <month>May</month>
        <year>2016</year>
      </date_read>
      <opinion>Did not like very much</opinion>
    </book>
    <book>
      <title>The grass is singing</title>
      <author>Doris Lessing</author>
      <date_read>
        <month>June</month>
        <year>2016</year>
      </date_read>
      <opinion>Enjoyed quite a bit</opinion>
    </book>
  </finished_reading>
</james_reading_list>
```

```
1 | james_reading_list/*/book/title
2 |
```

☐ disable auto refresh ☐ disable syntax highlighting

Output Options: Node format: Output format: ☐ Show types ☐ Hide variable names

Compatibility: ☐ Enable all extensions

Work in progress: ☐ XPath 3.1 ☐ XQuery 3.1

Result of the above expression applied to the above HTML file:

```
Fifty Shades of Grey
The grass is singing
A short history on nearly everything
JSON in 24 hours
Miss Smilla's feeling for snow
```

The XML from the previous task:

```
1 | <james_reading_list>
2 |   <finished_reading>
3 |     <book>
4 |       <title>Fifty Shades of Grey</title>
5 |       <author>E.L.</author>
6 |       <date_read>
7 |         <month>May</month>
8 |         <year>2016</year>
9 |       </date_read>
10 |      <opinion>Did not like very much</opinion>
11 |    </book>
12 |    <book>
13 |      <title>The grass is singing</title>
```

```
14         <author>Doris Lessing</author>
15         <date_read>
16             <month>June</month>
17             <year>2016</year>
18         </date_read>
19         <opinion>Enjoyed quite a bit</opinion>
20     </book>
21     <book>
22         <title>A short history on nearly everything</title>
23         <author>Bill Bryson</author>
24         <date_read>
25             <month>July</month>
26             <year>2016</year>
27         </date_read>
28         <opinion>Very informative</opinion>
29     </book>
30 </finished_reading>
31 <planned_reading>
32     <book>
33         <title>JSON in 24 hours</title>
34         <author>Peter Settler</author>
35         <purpose>Work</purpose>
36     </book>
37     <book>
38         <title>Miss Smilla's feeling for snow</title>
39         <author>Peter Hoegs</author>
40         <purpose>Entertainment</purpose>
41     </book>
42 </planned_reading>
43 </james_reading_list>
```