

Here is my XML file(query.xml):

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<james_book>
```

```
<book>
```

```
<name>Fifty shades of grey</name>
```

```
<author> E.L.James</author>
```

```
<time>May 2016</time>
```

```
<feeling>Did not like very much</feeling>
```

```
<aim></aim>
```

```
</book>
```

```
<book>
```

```
<name>The grass is singing</name>
```

```
<author> Doris Lessing</author>
```

```
<time>June 2016</time>
```

```
<feeling>Enjoying quite a bit</feeling>
```

```
<aim></aim>
```

```
</book>
```

```
<book>
```

```
<name>A short history of nearly everything</name>
```

```
<author>Bill Bryson</author>
```

```
<time>July 2016</time>
```

```
<feeling>Very informative</feeling>
```

```
<aim></aim>
```

</book>

<book>

<name>JSON in 24 hours</name>

<author>Peter Settler </author>

<time>After July 2016</time>

<feeling></feeling>

<aim>For work</aim>

</book>

<book>

<name>Miss Smilia's feeling for snow</name>

<author> Peter Hoeg</author>

<time>After reading JSON in 24 hours</time>

<feeling></feeling>

<aim>For entertainment</aim>

</book>

</james\_book>

Here is the result of validation(on BaseX):

file [query] - BaseX 9.4.1  
Database Editor View Visualization Options Help

Find Find...

1 Result

| book name            | author    | feeling                | book name            | author        | feeling              | book name                            | author      | feeling        | book name        | author        | feeling | book name                      | author     | feeling |
|----------------------|-----------|------------------------|----------------------|---------------|----------------------|--------------------------------------|-------------|----------------|------------------|---------------|---------|--------------------------------|------------|---------|
| Fifty shades of grey | E.L.James | Did not like very much | The grass is singing | Doris Lessing | Enjoying quite a bit | A short history of nearly everything | Bill Bryson | Very informa.. | JSON in 24 hours | Peter Settler |         | Miss Smilla's feeling for snow | Peter Hoeg |         |
| time                 |           | aim                    | time                 |               | aim                  | time                                 |             | aim            | time             |               | aim     | time                           |            | aim     |
| May 2016             |           |                        | June 2016            |               |                      | July 2016                            |             |                | After July 2016  |               |         | After reading JSON in 24 hours |            |         |

OK 1 : 1

1 Result, 946 b

Result

Command:  
CREATE DB query D:/Creating Web Applications/Lab02/query.xml

Result:  
Database 'query' created in 202.04 ms.

Info

db:open("query", "query.xml")/james\_book/book/time/text()

64 MB

3:02 PM 10/08/2020