

## Tehtävä 4: XML-dokumentti ja skeema

### XML

```
employee.xml > ...
1  <?xml version="1.0" encoding="ISO-8859-1"?>
2
3  <person xmlns="" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4      xsi:noNamespaceSchemaLocation="./employeeSchema.xsd">
5
6      <employee>
7          <firstname>John</firstname>
8          <lastname>Gary</lastname>
9          <age>40</age>
10         <address>Askistentie</address>
11         <city>Vantaa</city>
12         <country>Finland</country>
13     </employee>
14 </person>
15
16
17
```

### Schema

```
employeeSchema.xsd > ...
1  <?xml version="1.0" encoding="ISO-8859-1"?>
2  <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
3
4      <xsd:element name="person" />
5      <xsd:element name="employee" type="fullpersoninfo" />
6
7      <xsd:complexType name="personinfo">
8          <xsd:sequence>
9              <xsd:element name="firstname" type="xsd:string" />
10             <xsd:element name="lastname" type="xsd:string" />
11             <xsd:element name="age" type="xsd:integer" />
12         </xsd:sequence>
13     </xsd:complexType>
14
15     <xsd:complexType name="fullpersoninfo">
16         <xsd:complexContent>
17             <xsd:extension base="personinfo">
18                 <xsd:sequence>
19                     <xsd:element name="address" type="xsd:string" />
20                     <xsd:element name="city" type="xsd:string" />
21                     <xsd:element name="country" type="xsd:string" />
22                 </xsd:sequence>
23             </xsd:extension>
24         </xsd:complexContent>
25     </xsd:complexType>
26
27 </xsd:schema>
28
```

## Validointi

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

No problems have been detected in the workspace.