

Tehtävä 5: XML-dokumentti ja nimiavaruuden määrittävä skeema

XML

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

Schema

```
employeeSchema.xsd > ...
1  <?xml version="1.0" encoding="ISO-8859-1"?>
2  <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" targetNamespace="http://www.person.fi/employee"
3  xmlns="http://www.person.fi/employee" elementFormDefault="qualified">
4
5      <xsd:include schemaLocation="employeeSchema.xsd"/>
6      <xsd:element name="person" />
7      <xsd:element name="employee" type="fullpersoninfo" />
8
9      <xsd:complexType name="personinfo">
10         <xsd:sequence>
11             <xsd:element name="firstname" type="xsd:string" />
12             <xsd:element name="lastname" type="xsd:string" />
13             <xsd:element name="age" type="xsd:integer" />
14         </xsd:sequence>
15     </xsd:complexType>
16
17     <xsd:complexType name="fullpersoninfo">
18         <xsd:complexContent>
19             <xsd:extension base="personinfo">
20                 <xsd:sequence>
21                     <xsd:element name="address" type="xsd:string" />
22                     <xsd:element name="city" type="xsd:string" />
23                     <xsd:element name="country" type="xsd:string" />
24                 </xsd:sequence>
25             </xsd:extension>
26         </xsd:complexContent>
27     </xsd:complexType>
28
29 </xsd:schema>
30
```

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PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

No problems have been detected in the workspace.