**Exercise 1: Create an** [**XML**](http://www.juntadeandalucia.es/educacion/moodle-centros/41700041/mod/url/view.php?id=666) **file and** [**XML Schema**](http://www.juntadeandalucia.es/educacion/moodle-centros/41700041/mod/url/view.php?id=669) **for the following information**

|  |  |
| --- | --- |
| Member Name | Years of Membership |
| Chris Smith | 4 |
| Judi Zimmerman | 5 |
| Michael Calder | 3 |

**Exercise 2: Representing the following books in** [**XML**](http://www.juntadeandalucia.es/educacion/moodle-centros/41700041/mod/url/view.php?id=666)**, and write corresponding** [**XML schema**](http://www.juntadeandalucia.es/educacion/moodle-centros/41700041/mod/url/view.php?id=669) **and make them well-formed and valid:**

* Antoniou, G. and F. van Harmelen. 2004. A Semantic Web Primer. Cambridge, MA: MIT Press.
* Daconts, M.C., L.J. Orbst, and K.T. Smith. 2003. The Semantic Web: A Guide to the Future of [XML](http://www.juntadeandalucia.es/educacion/moodle-centros/41700041/mod/url/view.php?id=666), Web Services, and Knowledge Management. New York: Wiley.

**Exercise 3:**

**Creating corresponding well-formed and valid** [**XML Schema**](http://www.juntadeandalucia.es/educacion/moodle-centros/41700041/mod/url/view.php?id=669) **for the following** [**XML**](http://www.juntadeandalucia.es/educacion/moodle-centros/41700041/mod/url/view.php?id=666) **document:**

<?[xml](http://www.juntadeandalucia.es/educacion/moodle-centros/41700041/mod/url/view.php?id=666) version="1.0" encoding="utf-8" ?>

<shiporder orderid="889923"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:noNamespaceSchemaLocation="shiporder.xsd">

<orderperson>John Smith</orderperson>

<shipto>

<name>Ola Nordmann</name>

<address>Langgt 23</address>

<city>4000 Stavanger</city>

<country>Norway</country>

</shipto>

<item>

<title>Empire Burlesque</title>

<note>Special Edition</note>

<quantity>1</quantity>

<price>10.90</price>

</item>

<item>

<title>Hide your heart</title>

<quantity>1</quantity>

<price>9.90</price>

</item>

</shiporder>