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

```

<?xml version="1.0" encoding="UTF-8" ?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">

  <!-- definition of simple elements -->
  <xs:element name="orderperson" type="xs:string"/>
  <xs:element name="name" type="xs:string"/>
  <xs:element name="address" type="xs:string"/>
  <xs:element name="city" type="xs:string"/>
  <xs:element name="country" type="xs:string"/>
  <xs:element name="title" type="xs:string"/>
  <xs:element name="note" type="xs:string"/>
  <xs:element name="quantity" type="xs:positiveInteger"/>
  <xs:element name="price" type="xs:decimal"/>

  <!-- definition of attributes -->
  <xs:attribute name="orderid" type="xs:string"/>

  <!-- definition of complex elements -->
  <xs:element name="shipto">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="name"/>
        <xs:element ref="address"/>
        <xs:element ref="city"/>
        <xs:element ref="country"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

  <xs:element name="item">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="title"/>
        <xs:element ref="note" minOccurs="0"/>
        <xs:element ref="quantity"/>
        <xs:element ref="price"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

  <xs:element name="shiporder">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="orderperson"/>
        <xs:element ref="shipto"/>
        <xs:element ref="item" maxOccurs="unbounded"/>
      </xs:sequence>
      <xs:attribute ref="orderid" use="required"/>
    </xs:complexType>
  </xs:element>
</xs:schema>

```