

a)

```

<complexType name="purchaseOrderType">
  <sequence>
    <element name="order">
      <complexType>
        <sequence>
          <element name="orderNumber" type="integer"/>
          <element name="orderDate" type="date"/>
          <element name="status" type="string"/>
          <element name="currency" type="string"/>
          <element name="productCode" type="string"/>
          <element name="quantity" type="integer"/>
        </sequence>
      </complexType>
    </element>
    <element name="customer">
      <complexType>
        <element name="name" type="string"/>
        <element name="surname" type="string"/>
        <element name="address">
          <complexType>
            <sequence>
              <element name="street" type="string"/>
              <element name="city" type="string"/>
              <element name="state" type="string"/>
              <element name="postCode" type="string"/>
              <element name="country" type="string"/>
            </sequence>
          </complexType>
        </element>
        <element name="phone" type="string"/>
        <element name="fax" type="string"/>
      </complexType>
    </element>
  </sequence>
</complexType>

```

b)

```

<purchaseOrder>
  <order>
    <orderNumber>15664</orderNumber>
    <orderDate>2012-10-23</orderDate>
    <status>confirmed</status>
    <currency>EUR</currency>
    <productCode>345-EAR</productCode>
    <quantity>10</quantity>
  </order>
  <customer>
    <name>John</name>
    <surname>Brown</surname>
    <address>
      <street>8 George St</street>
      <city>Brisbane</city>
      <state>Queensland</state>
      <postCode>4000</postCode>
      <country>Australia</country>
    </address>
    <phone>+61 7 3240 0010</phone>
    <fax>+61 7 3221 0412</fax>
  </customer>
</purchaseOrder>

```