


- Activity:1



 Sample-Product-new.xml

```

1  <?xml version="1.0" encoding="utf-8" standalone="no"?>
2
3  <!-- DTD Declaration -->
4  <!DOCTYPE products SYSTEM "product.dtd">
5
6  <products>
7      <product type="12A">
8          <productName>Dog Shirt Gift Basket</productName>
9          <manufacturer>SJB Pet Boutique</manufacturer>
10         <description>Something for every day of the week</description>
11         <price curr="USD">35.99</price>
12         <price curr="CAD">45.99</price>
13         <price curr="EURO">25.99</price>
14         <productItems>1200, 1201, 1202, 1203, 1204</productItems>
15     </product>
16     <product type="24B">
17         <productName>Cat Shirt Gift Basket</productName>
18         <manufacturer>SJB Pet Boutique</manufacturer>
19         <description>Something for every day of the week</description>
20         <price curr="USD">45.99</price>
21         <price curr="CAD">75.99</price>
22         <price curr="EURO">35.99</price>
23         <productItems>1300, 1301, 1302, 1303, 1304</productItems>
24     </product>
25 </products>

```

Sample-Product-new.xml

 student.xsd product.dtd X student.xml [product.dtd](#)

```
1 <!ELEMENT products (product+) >
2 <!ELEMENT product (productName,manufacturer,description,price+,productItems) >
3 <!ELEMENT productName (#PCDATA) >
4 <!ELEMENT manufacturer (#PCDATA) >
5 <!ELEMENT description (#PCDATA) >
6 <!ELEMENT price (#PCDATA) >
7 <!ELEMENT productItems (#PCDATA) >
8 <!ATTLIST product type CDATA #REQUIRED >
9 <!ATTLIST price curr CDATA #REQUIRED >
```

127.0.0.1:5500/Sample-Product-new.xml

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<!-- DTD Declaration -->
<products>
  <product type="12A">
    <productName>Dog Shirt Gift Basket</productName>
    <manufacturer>SJB Pet Boutique</manufacturer>
    <description>Something for every day of the week</description>
    <price curr="USD">35.99</price>
    <price curr="CAD">45.99</price>
    <price curr="EURO">25.99</price>
    <productItems>1200, 1201, 1202, 1203, 1204</productItems>
  </product>
  <product type="24B">
    <productName>Cat Shirt Gift Basket</productName>
    <manufacturer>SJB Pet Boutique</manufacturer>
    <description>Something for every day of the week</description>
    <price curr="USD">45.99</price>
    <price curr="CAD">75.99</price>
    <price curr="EURO">35.99</price>
    <productItems>1300, 1301, 1302, 1303, 1304</productItems>
  </product>
</products>
```

- Activity: 2

```
Sample-Product-new.xml  student.xml X
student.xml
1  <students>
2      <!-- a Developer student -->
3      <d:student xmlns:d='http://www.develop.com/student'>
4          <d:id>3235329</d:id>
5          <d:name>Jeff Smith</d:name>
6          <d:language>C#</d:language>
7          <d:rating>9.5</d:rating>
8      </d:student>
9      <!-- an elementary school student -->
10     <e:student xmlns:e='http://www.elementary.com/student'>
11         <e:id>534-22-5252</e:id>
12         <e:name>Jill Smith</e:name>
13         <e:language>Spanish</e:language>
14         <e:rating>3.2</e:rating>
15     </e:student>
16 </students>
```

127.0.0.1:5500/student.xml

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<students>
  <!-- a Developer student -->
  <d:student xmlns:d="http://www.develop.com/student">
    <d:id>3235329</d:id>
    <d:name>Jeff Smith</d:name>
    <d:language>C#</d:language>
    <d:rating>9.5</d:rating>
  </d:student>
  <!-- an elementary school student -->
  <e:student xmlns:e="http://www.elementary.com/student">
    <e:id>534-22-5252</e:id>
    <e:name>Jill Smith</e:name>
    <e:language>Spanish</e:language>
    <e:rating>3.2</e:rating>
  </e:student>
</students>
```

- Activity 3:

```

Sample-Product-new.xml X student.xsd student.dtd student.xml
Sample-Product-new.xml
1 <?xml version="1.0" encoding="utf-8" standalone="no"?>
2 <products xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="student.xsd">
3   <product type="12A">
4     <productName>Dog Shirt Gift Basket</productName>
5     <manufacturer>SJB Pet Boutique</manufacturer>
6     <description>Something for every day of the week</description>
7     <price curr="USD">35.99</price>
8     <price curr="CAD">45.99</price>
9     <price curr="EURO">25.99</price>
10    <productItems>1200, 1201, 1202, 1203, 1204</productItems>
11  </product>
12  <product type="24B">
13    <productName>Cat Shirt Gift Basket</productName>
14    <manufacturer>SJB Pet Boutique</manufacturer>
15    <description>Something for every day of the week</description>
16    <price curr="USD">45.99</price>
17    <price curr="CAD">75.99</price>
18    <price curr="EURO">35.99</price>
19    <productItems>1300, 1301, 1302, 1303, 1304</productItems>
20  </product>
21 </products>


```

```

Sample-Product-new.xml student.xsd X student.dtd student.xml
student.xsd
1 <xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema-
2 <xs:element name="products">
3   <xs:complexType>
4     <xs:sequence>
5       <xs:element name="product" maxOccurs="unbounded" minOccurs="0">
6         <xs:complexType>
7           <xs:sequence>
8             <xs:element type="xs:string" name="productName"/>
9             <xs:element type="xs:string" name="manufacturer"/>
10            <xs:element type="xs:string" name="description"/>
11            <xs:element name="price" maxOccurs="unbounded" minOccurs="0">
12              <xs:complexType>
13                <xs:simpleContent>
14                  <xs:extension base="xs:float">
15                    <xs:attribute type="xs:string" name="curr" use="optional"/>
16                  </xs:extension>
17                </xs:simpleContent>
18              </xs:complexType>
19            </xs:element>
20            <xs:element type="xs:string" name="productItems"/>
21          </xs:sequence>
22          <xs:attribute type="xs:string" name="type" use="optional"/>
23        </xs:complexType>
24      </xs:element>
25    </xs:sequence>
26  </xs:complexType>
27 </xs:element>
28 </xs:schema>

```

← → ↻ <https://www.xmlvalidation.com/index.php?id=1&L=0>



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Validate an XML file

Read [here how to validate your XML files](#) (including referenced DTDs) online with just a few mouse clicks.

No errors were found

The following files have been uploaded so far:

XML document: 

XML schema: 

Click on any file name if you want to edit the file.