HO-8: Creating a DTD and validating XML

- You have been given an XML file that contains a list of products and their associated prices (shown on the next slide). The file name is called products.xml.
  You have been tasked with the following:
  a) Create a DTD based on the products XML file.
  b) Validate your XML file against the DTD.
  c) Extend your XML file to include 2 additional products of your choice.
  d) Validate your XML file again to ensure no errors have been made whilst entering your data.

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE products SYSTEM "products.dtd">
<products>
   <product id="12344">
      <name>Orange SPV</name>
      <description>Orange WAP phone</description>
      <price>
         <currency>£</currency>
         <amount>123.23</amount>
      </price>
      <contract min="3" max="12" durationtype="month">
         <option>Lost and stolen insurance</option>
         <option>Free replacement if damaged</option>
      </contract>
   </product>
   <product id="125674">
      <name>Sony Ericsson</name>
      <description>Walkman</description>
      <price>
         <currency>£</currency>
         <amount>199.00</amount>
      </price>
   </product>
</products>
```

Filename: Products.xml