

HO-11: Creating an XML Schema 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 schema based on the products XML file.
- b) Validate your XML file against the schema.
- 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 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>
```