**Ex. 1:**

Create a DTD XML file for bookstore.

The bookstore has booklist and the booklist can contain multiple books.

The book should contain the following information type, author, publisher, published\_year and ISBN.

Add three attribute types for the book elements:

1. A required attribute (publishertype) to the publisher element.
2. An optional attribute (category) to the type element
3. A fixed attribute (year) to have the published\_year 2017

Validate the DTD file using Notepad++ or <http://xmlvalidator.new-studio.org/>

**Ex 2:**

Create the bookstore with the books elements as described above using XML schema

Create an XML schema and save the file .xsd

Create an XML file to validate the XML schema

Validate the XSD and XML file using <http://xmlvalidator.new-studio.org/>

**Ex 3:**

Add three attribute types for the book elements as described in Ex 1 to the XML schema xsd file.

Validate the XSD and XML file using <http://xmlvalidator.new-studio.org/>