# Lab Tasks

# Download the following XML files under Assignments link:

# bib.xml, overview\_prices.xml, reviews.xml

# Open up BaseX

1. Create a **new** database and load in the files you downloaded

# XPath practice

**Design XPath queries for the following.   
All relate to the XML document bib.xml:**

# Return entire bib XML tree

# Get all the titles of books in the file (without using //).

# Get just the text from the first name elements of author.

**Note:** More practice exercises available in file XPathPracticeExercises on Blackboard. Solutions are available in XPathPracticeSolutions

# XQuery practice

# In the Query Editor, try to design XQueries, against the XML files you have downloaded, to do the following:

# With bib as a root (“bib.xml”), list books published by Addison-Wesley after 1991, including their year and title.

**Note:** More practice exercises available in file XQueryPracticeExercises on Blackboard. Solutions are in file XQueryPracticeSolutions.

# (Remember that if you have not imported the XML files into BaseX, then use doc(“filename”) in the XQuery to indicate what XML file you are querying and make sure that document is in the folder from which you invoked BaseX)

# XML Validation Practice

Note: For XML Creation and Validation Practice See file XML-Validation exercise