

XML Simplified

Module 5 – Stylesheet

Lab Guide for Lab3

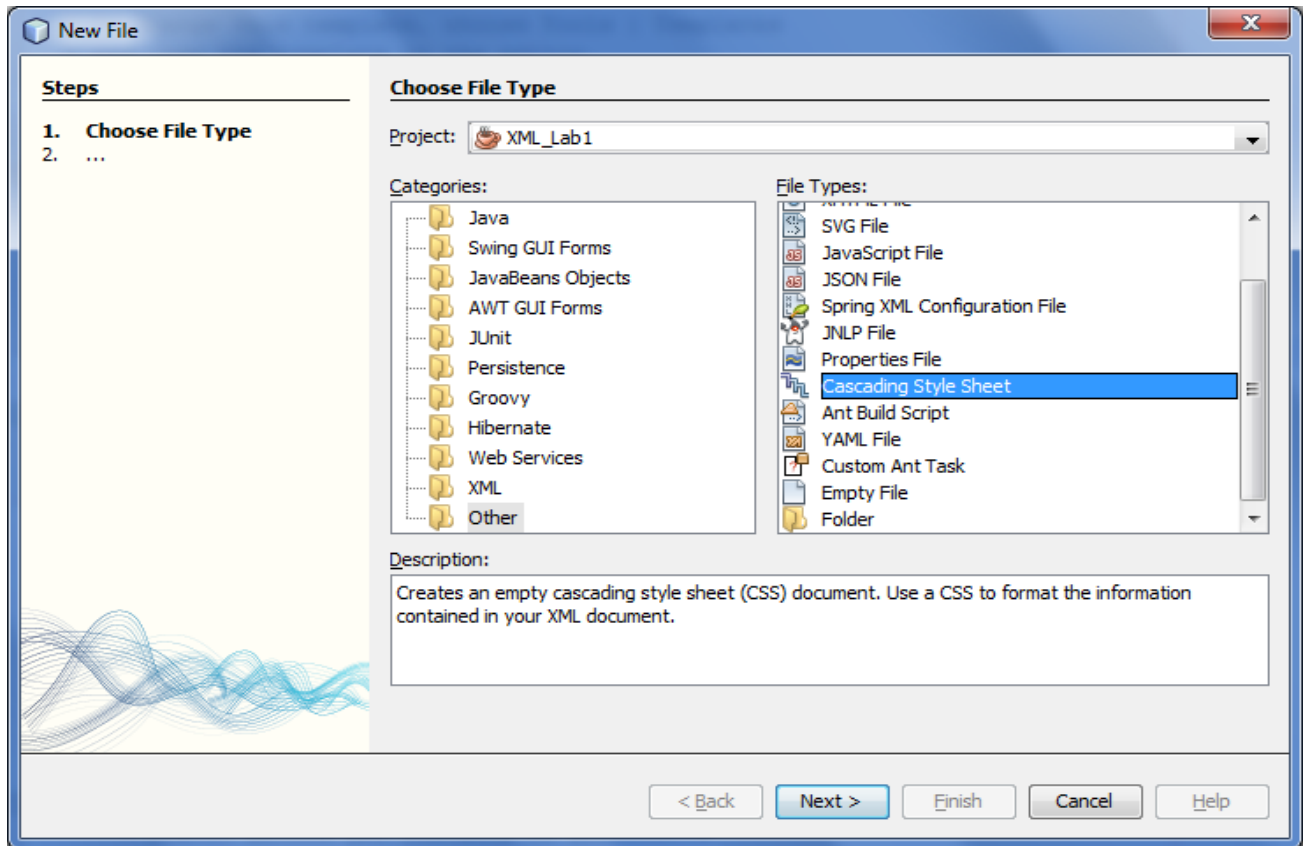
Session Objectives

In this session, you will be practicing with

- Create Cascading Style Sheets

Part 1 – Getting started (60 minutes)

1. Open NetBean (or another Editor for XML) , type and save the following codes as in turn **Document.xml** and **Document.css** files



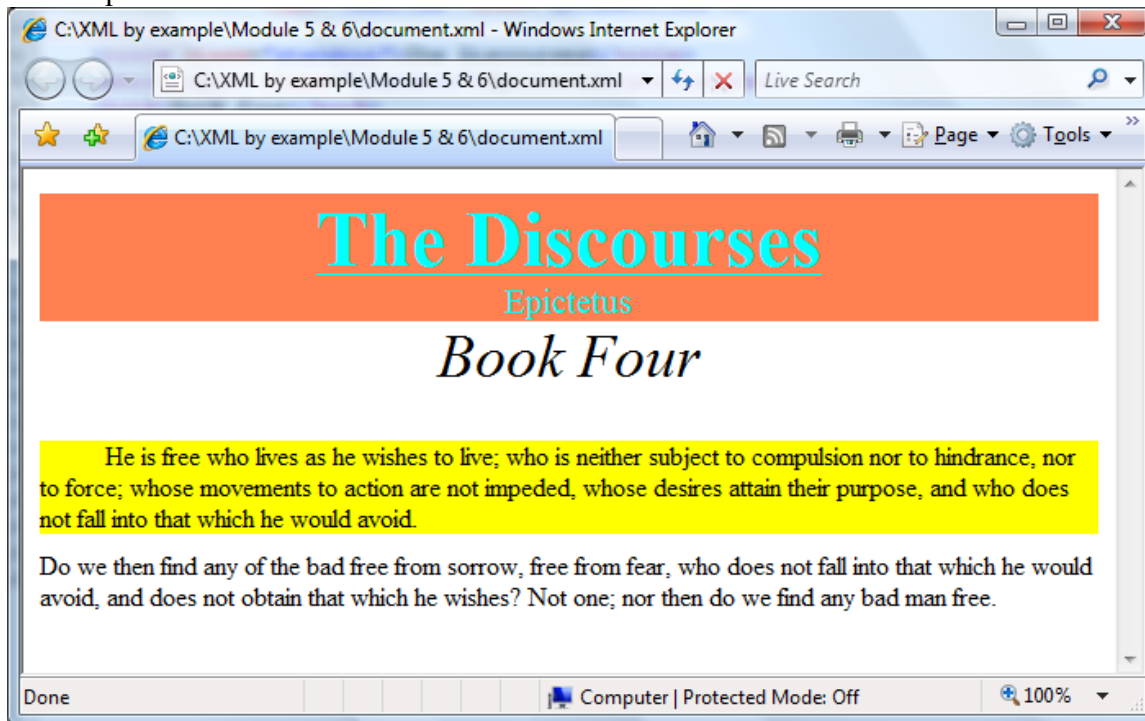
Type and save the following codes as in turn **Document.xml** and **Document.css** files:

```
<?xml version="1.0"?>
<?xml-stylesheet type="text/css" href="document.css"?>
<document>
  <title class="standout">The Discourses</title>
  <philosopher class="standout">Epictetus</philosopher>
  <book>Book Four</book>
  <paragraph class="first">
    He is free who lives as he wishes to live; who is
    neither subject to compulsion nor to hindrance, nor to
    force; whose movements to action are not impeded, whose
    desires attain their purpose, and who does not fall into
    that which he would avoid.
  </paragraph>
  <paragraph>
    Do we then find any of the bad free from sorrow,
    free from fear, who does not fall into that which he would
    avoid, and does not obtain that which he wishes? Not one;
    nor then do we find any bad man free.
  </paragraph>
</document>
```

```
title
{
    display: block;
    font-size: 36pt;
    font-weight: bold;
    text-align: center;
    text-decoration: underline;
}
philosopher
{
    display: block;
    font-size: 16pt;
    text-align: center;
}
book
{
    display: block;
    font-size: 28pt;
    text-align: center;
    font-style: italic;
}
paragraph
{
    display: block;
    margin-top: 10;
}
.standout
{
    color: cyan;
    background-color: coral;
}
[class=standout]
{
    color: cyan;
    background-color: coral;
}
paragraph.first
{
    text-indent: 40;
    margin-top: 30;
    background-color: yellow;
}
paragraph[class=first]
{
    text-indent: 40;
    margin-top: 30;
    background-color: yellow;
```

Open **Document.xml** file in the browser

The output:



Part 2 – Workshops (30 minutes)

- Quickly look at Module 5's workshops to view the basic steps creating CSS Style sheet and Defining style rules for various CSS elements.

Part 3 – Lab Assignment (30 minutes)

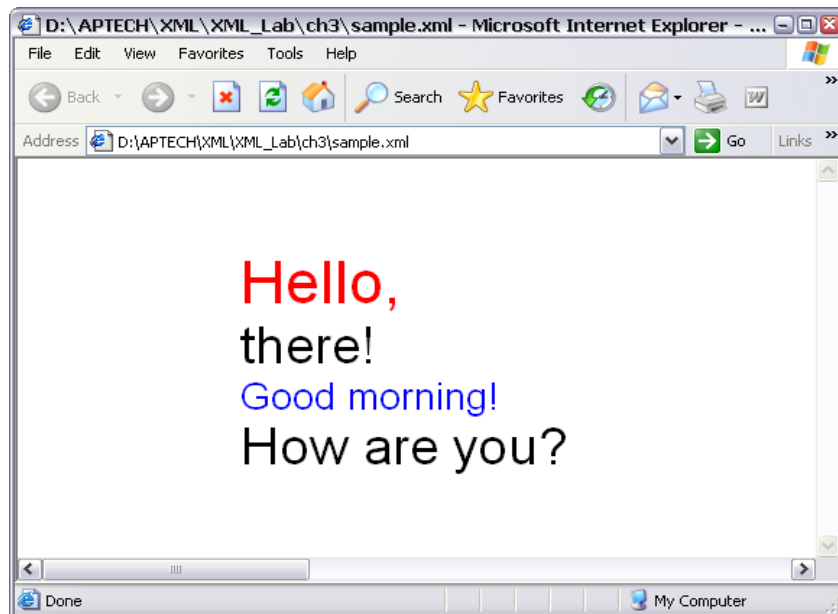
Do the assignment for Module 5 carefully. Discuss with your class-mates and your instructor if needed. See ACT_ASSGN_XML_05.pdf.

Part 4 – Do it your self

1. See the XML document and Create CSS document to view in browser as the following:

```
<?xml version='1.0'?>
<?xml-stylesheet type="text/css" href="hello.css"?>
<xsampdoc>
  <greeting>
    Hello, <extension>there!</extension>
  </greeting>
  <answer class="ans">
    <extension>Good morning!</extension>
    <question>How are you?</question>
  </answer>
</xsampdoc>
```

Hello1.css



Hello2.css

