

## XSL Exercises 2

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### 1. Using the TEI stylesheet library for HTML

In the `xml` directory on your H: drive, you will find two files `pope.xml` (Alexander Pope's *The Rape of the Lock*) and `pope.xsl` (an XSLT stylesheet to format it). Run the stylesheet with the command-line

```
saxon pope.xml pope.xsl
```

and look at the resulting `pope.html` with your browser. The stylesheet is calling a set of generalized XSLT stylesheets for rendering TEI documents. You can alter the effects by editing `pope.xsl`, which has a series of high-level variables. We suggest you try

- Change

```
<xsl:variable name="splitLevel">-1</xsl:variable>
```

to

```
<xsl:variable name="splitLevel">0</xsl:variable>
```

and see the Cantos split into separate files

- Change

```
<xsl:variable name="numberHeadings">1</xsl:variable>
```

to

```
<xsl:variable name="numberHeadings">A</xsl:variable>
```

to see how the section numbering changes

- Change

```
<xsl:variable name="leftLinks"/>
```

to

```
<xsl:variable name="leftLinks">>true</xsl:variable>
```

and observe how the table of contents is now in a table column on the left

There is a full explanation of these variables at <http://www.hcu.ox.ac.uk/TEI/Stylesheets/teixsl.html>

### 2. Making Word files from XML

Start Microsoft Word, and load in one of the HTML files you have made. Look at the styles which Word uses for the different HTML elements. Can you make the result a two-column document, change the main font, and add page numbering?