CSC343 Worksheet 11 Solution

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1. a) **Notes:**

- XLST
  - Also means **Extensible Stylesheet Language for Transformation**
  - Allows to transform XML documentes into HTML
  - Is another language
- XLST Basics

  Syntax:

  <? xml version = "1.0" encoding = "utf-8"?>
  <xsl:stylesheet xmlns:xsl = "http://www.w3.org/1999/ISL/Transform">
      ...
  </xsl:stylesheet>

- Templates

  Example:

```
1    <? xml version = "1.0" encoding = "utf-8"?>
2    <xsl:stylesheet xmlns:xsl = "http://www.w3.org/1999/ISL/
     Transform">
3        <xsl:template match = "/">
4            <HTML>
5                <BODY>
6                    <B>This is text</b>
7                </body>
8            </html>
9        </xsl:template>
10   </xsl:stylesheet>
11
```

- Obtaining values from XML Data
  - **Syntax:** <xsl value-of select = "*expression*" />

    Example:

```xml
1    <? xml version = "1.0" encoding = "utf-8"?>
2    <xsl:stylesheet xmlns:xsl = "http://www.w3.org/1999/ISL/
     Transform">
3        <xsl:template match="/Movies/Movie">
4            <xsl:value-of select = "@title"/>
5        </xsl:template>
6    </xsl:stylesheet>
7
```