# SENG2040 Task W4 – XML / XSL

Quan Khuong

## Screenshot of Sample-Data-No-Style.xml

A black text on a white background

Description automatically generated

## Screenshot of Sample-Data-Style-01.xml

A screenshot of a data

Description automatically generated

## Screenshot of Sample-Data-Style-02.xml

A screenshot of a computer

Description automatically generated

## Screenshot of Original Sample-Data-Sorted-Style-03.xml

A number of letters and numbers

Description automatically generated with medium confidence

## Screenshots of Modified Sample-Data-Sorted-Style-03.xml

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

## XSL Used for Modified Sample-Data-Sorted-Style-03.xml

1. First XSL:

<?xml version="1.0"?>

<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version='1.0'>

<xsl:template match="/">

  <HTML>

  <HEAD>

  <TITLE>Product Database</TITLE>

  </HEAD>

  <BODY TEXT = "WHITE" BGCOLOR = "BLACK">

  <H1>Product Database</H1>

  <TABLE BORDER = "2" WIDTH = "60%">

  <TR>

    <TH BGCOLOR="#FDBCB4">Code</TH><TH BGCOLOR="#FDBCB4">Name</TH>

  </TR>

  <xsl:for-each select="report/product[code &gt;= '0023446']">

    <xsl:sort select="name" order="descending"/>

    <TR>

      <TD ALIGN = "RIGHT">

        <FONT FACE = "COURIER" COLOR = "#112A46"><xsl:value-of select="code"/></FONT>

      </TD>

      <TD ALIGN = "RIGHT">

        <FONT FACE = "COURIER" COLOR = "#112A46"><xsl:value-of select="name"/></FONT>

      </TD>

    </TR>

    <BR />

  </BODY>

  </HTML>

</xsl:for-each>

</xsl:template>

</xsl:stylesheet>

1. Second XSL:

<?xml version="1.0"?>

<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version='1.0'>

<xsl:template match="/">

  <HTML>

  <HEAD>

  <TITLE>Product Database</TITLE>

  </HEAD>

  <BODY TEXT = "WHITE" BGCOLOR = "BLACK">

  <H1>Product Database</H1>

  <TABLE BORDER = "2" WIDTH = "60%">

  <TR>

    <TH BGCOLOR="#FDBCB4">Code</TH><TH BGCOLOR="#FDBCB4">Name</TH>

  </TR>

  <xsl:for-each select="report/product[code &gt;= '0023446']">

    <xsl:sort select="name" order="descending"/>

    <TR>

      <TD ALIGN = "RIGHT">

        <FONT FACE = "COURIER" COLOR = "#112A46"><xsl:value-of select="code"/></FONT>

      </TD>

      <TD ALIGN = "RIGHT">

        <FONT FACE = "COURIER" COLOR = "#112A46"><xsl:value-of select="name"/></FONT>

      </TD>

    </TR>

    <BR />

  </BODY>

  </HTML>

</xsl:for-each>

</xsl:template>

</xsl:stylesheet>

1. Third XSL:

<?xml version="1.0"?>

<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version='1.0'>

<xsl:template match="/">

  <HTML>

  <HEAD>

  <TITLE>Product Database</TITLE>

  </HEAD>

  <BODY TEXT = "WHITE" BGCOLOR = "BLACK">

  <H1>Product Database</H1>

  <TABLE BORDER = "2" WIDTH = "60%">

  <TR>

    <TH BGCOLOR="#FDBCB4">Code</TH><TH BGCOLOR="#FDBCB4">Name</TH>

  </TR>

  <xsl:for-each select="report/product[code &gt;= '0023448']">

    <xsl:sort select="name" order="descending"/>

    <TR>

      <TD ALIGN = "RIGHT">

        <FONT FACE = "COURIER" COLOR = "#112A46"><xsl:value-of select="code"/></FONT>

      </TD>

      <TD ALIGN = "RIGHT">

        <FONT FACE = "COURIER" COLOR = "#112A46"><xsl:value-of select="name"/></FONT>

      </TD>

    </TR>

    <BR />

  </BODY>

  </HTML>

</xsl:for-each>

</xsl:template>

</xsl:stylesheet>