

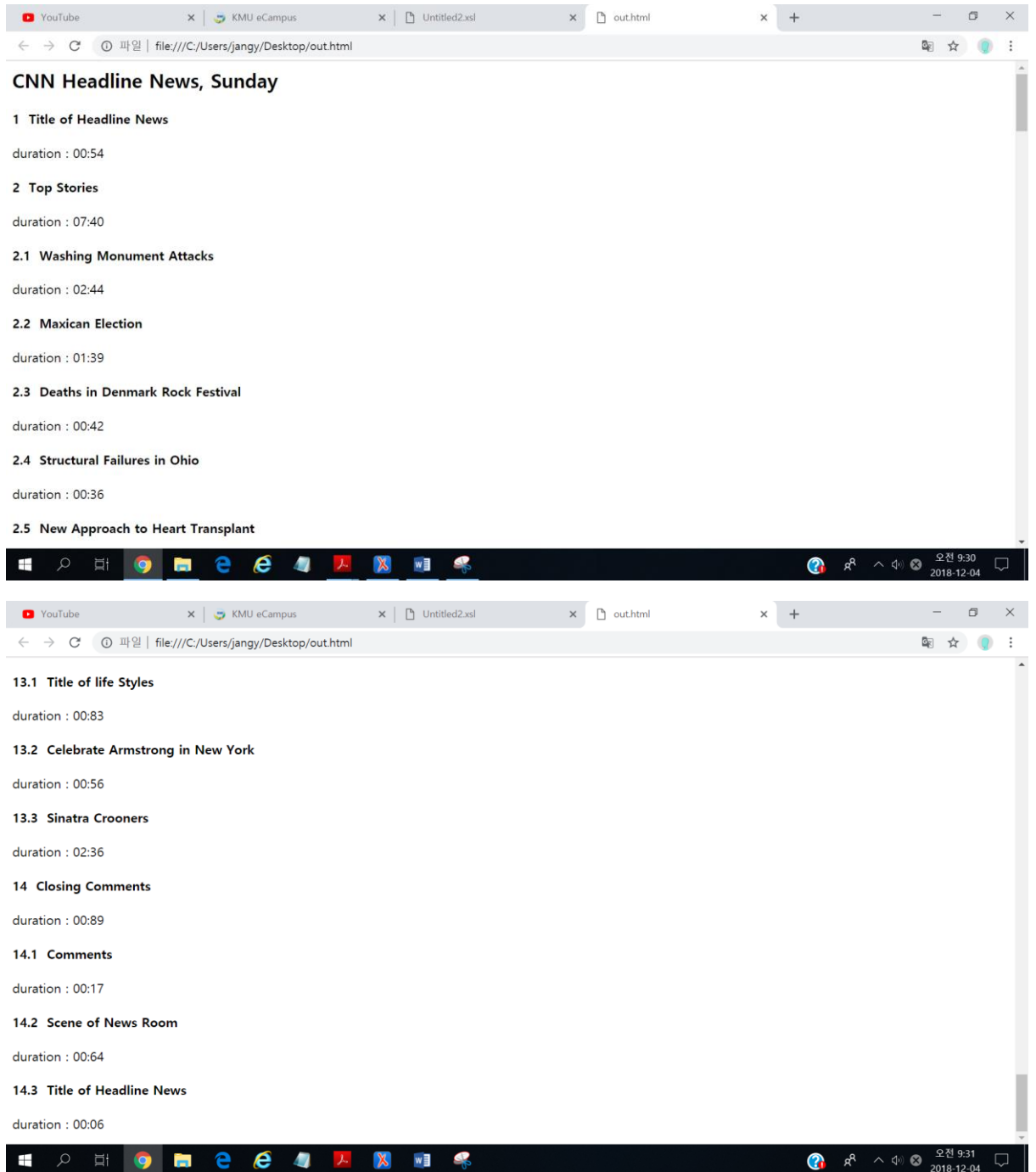
XML 과제2

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1. xslt(recursion 활용)

```
<?xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:mpeg7="urn:mpeg:mpeg7:schema:2004" xmlns:fn="http://www.w3.org/2005/xpath-functions" version="2.0">
  <xsl:output method="html" encoding="UTF-8"/>
  <xsl:template match="/">
    <html>
      <head>
        <h2>
          <xsl:value-of select="mpeg7:Mpeg7/Description/mpeg7:Summarization/mpeg7:Summary/mpeg7:SummarySegmentGroup/mpeg7:Name"/>
        </h2>
        <title/>
      </head>
      <body>
        <xsl:apply-templates select="mpeg7:Mpeg7/Description/mpeg7:Summarization/mpeg7:Summary/mpeg7:SummarySegmentGroup/mpeg7:SummarySegmentGroup"/>
      </body>
    </html>
  </xsl:template>
  <xsl:template match="mpeg7:SummarySegmentGroup">
    <xsl:param name="highindex"/>
    <xsl:if test="count(mpeg7:Name)>0">
      <xsl:variable name="duration">
        <xsl:choose>
          <xsl:when test="substring(@duration,5,1)='M'">
            <xsl:value-of select="concat(substring(@duration,3,2),':',substring(@duration,6,2))"/>
          </xsl:when>
          <xsl:otherwise>
            <xsl:value-of select="concat('00',':',substring(@duration,6,2))"/>
          </xsl:otherwise>
        </xsl:choose>
      </xsl:variable>
      <xsl:variable name="idx">
        <xsl:choose>
          <xsl:when test="string-length($highindex)>0">
            <xsl:value-of select="concat($highindex,',' position())"/>
          </xsl:when>
          <xsl:otherwise>
            <xsl:value-of select="position()"/>
          </xsl:otherwise>
        </xsl:choose>
      </xsl:variable>
      <div>
        <xsl:value-of select="$idx"/>
        <xsl:value-of select="mpeg7:Name"/>
      </div>
      <p>
        duration :
        <xsl:value-of select="$duration"/>
      </p>
      <xsl:apply-templates select="mpeg7:SummarySegmentGroup">
        <xsl:with-param name="highindex" select="$idx"/>
      </xsl:apply-templates>
    </xsl:if>
  </xsl:template>
</xsl:stylesheet>
```

2. html 출력



3. xslt 과정

