Jesse Peet HW#6 web programing. CS301 **96/100**

1.)

1. For the cd records in <http://cs.uccs.edu/~cs301/xml/xsl/cdcatalog.xml>, specify the XPATH expression that will extract the cds with price > 9.00.

/catalog/cd[price>9.00]  
  
**can use //cd. Save some typing but take tiny longer time.**

1. For the cd records in <http://cs.uccs.edu/~cs301/xml/xsl/cdcatalog.xml>, specify the XPATH expression that will extract the cds between year 1980-1990.

/catalog/cd[year>1980 and year <1990]

1. For the stock portfolio records in <http://cs.uccs.edu/~cs301/xml/xsl/portfolio.xml>, specify the XPATH expression that will extract the stock records with share > 1200.

/ portfolio/stock[share>1200]

2.)

a. http://cs.uccs.edu/~jpeet/xml/gradehw6p2a.xsl

b. <http://cs.uccs.edu/~jpeet/xml/hw6p2b.xsl>

**can be improved by using ###.00 instead of using ###.###**

3.) http://cs.uccs.edu/~jpeet/ xml/ gradev1.xsd

-4

Note that the url has space character in between.  
There are typos in gradev1.xsd that crashes XSV http://www.w3.org/2001/03/webdata/xsv

The validation results from xsv shows <?xml version="1.0" ?>

[**-**](http://www.w3.org/2001/03/webdata/xsv?docAddrs=http%3A%2F%2Fcs.uccs.edu%2F%7Ejpeet%2Fxml%2Fgradev1.xsd&style=text) <xsv xmlns="**http://www.w3.org/2000/05/xsv**" crash="**true**" instanceAssessed="**false**" modDate="**Wed, 12 Dec 2007 15:55:02 GMT**" realName="**http://cs.uccs.edu/~jpeet/xml/gradev1.xsd**" server="**Apache/2.0.52 (Rogue Penguin)**" size="**2350**" target="**http://cs.uccs.edu/~jpeet/xml/gradev1.xsd**" version="**XSV 2.10-1 of 2005/04/22 13:10:49**">

  <bug>validator crash during target reading</bug>

  <XMLMessages>Error: Expected > after / in start tag, but got <space> in unnamed entity at line 8 char 57 of http://cs.uccs.edu/~jpeet/xml/gradev1.xsd</XMLMessages>

  </xsv>

**Line 8: <xs:element name="SEMESTER" type="xs:string"/ > You have / > instead />**

**Line 49: <xs:elemeit name="FINAL"> should be <xs:element name="FINAL">**

**No need to make Final element as a complex type.**

### See the revised version at <http://cs.uccs.edu/~cs301/hw/F2007/hw6/jpeet/gradev1.xsd>

### Here is the validation result

### Schema validating with XSV 2.10-1 of 2005/04/22 13:10:49

* **Target**: [standalone schema assessment]   
     (Real name: http://cs.uccs.edu/~cs301/hw/F2007/hw6/jpeet/gradev1.xsd  
      Length: 1714 bytes   
      Last Modified: Wed, 12 Dec 2007 17:23:15 GMT  
      Server: Apache/2.0.52 (Rogue Penguin))
* **schemaDocs**: http://cs.uccs.edu/~cs301/hw/F2007/hw6/jpeet/gradev1.xsd
* The schema(s) used for schema-validation had no errors
* The target was not assessed

**Schema resources involved**

Attempt to load a schema document from http://cs.uccs.edu/~cs301/hw/F2007/hw6/jpeet/gradev1.xsd (source: command line) for no namespace, succeeded