OUTPUT for dom.java, xpath.java and xslt.java files have been pasted below:

**dom.java**

prints the titles of all MATH courses that are taught in room LIB 204

Text

Description automatically generated

**xpath.java**

1. Prints the titles of all MATH courses that are taught in room LIB 204
2. Prints the instructor name who teaches MATH 412
3. Prints the titles of all courses taught by Wieting

Text

Description automatically generated

**xslt.java**

I have written xslt code for converting xml into html format and referenced it as math.xsl in xslt.java: below is the output (I have also attached this output.html file with the submission)

Table

Description automatically generated

**A picture containing table

Description automatically generated**