**Features of the tool:**

* Convert: XML -> JSON
* Convert: JSON -> XML
* Convert: CSV -> XML
* Convert: XML -> CSV
* CSV -> Equal Spaced Pipe Delimited Values (Similar to a table)
* Diff Compare between 2 files.

**Steps for the Project:**

First complete the templating in HTML and CSS for most crucial pages.

In the “Home” page, explain the purpose of the Website and tools.

In the top portion, create a slider with images and examples.

Then, explain what each feature or tool can be used for.

Separate each part or content with a line. (<hr>)

Create the required forms for each parsing tool.

**Steps for Conversion Feature:**

For the Data conversions; create 2 fields: ‘Convert From’ and ‘Convert To’:

In each of those Fields, put all the conversion values (XML, CSV, JSON)

Under those 2 fields, have a form window to paste the text, and also give the option to upload the files to the website using a button. (Done in JavaScript)

Once the front-end is complete, create a service to send that data using REST Web Service API. (Done in JavaScript)

Then, call this file in Java (Spring Boot).

Use Java to write algorithms for all the operations for the files.

For the Diff Compare Feature; Compare the differences between 2 or more files. Implement the logic all in JavaScript.

Allow the user to select 2 or more files. Once they select, create a pop-up window that has the comparisons of their files with all the differences highlighted.

-Also add a feature to select a certain part of file and replicate into the other files.