Midterm

1. Microsoft Excel is a spreadsheet program. That means it's used to create grids of text, numbers and formulas specifying calculations. That's extremely valuable for many businesses, which use it to record expenditures and income, plan budgets, chart data and succinctly present fiscal results.
2. XML stands for extensible markup language. A markup language is a set of codes, or tags, that describes the text in a digital document. The most famous markup language is hypertext markup language (HTML), which is used to format Web pages.
3. JSON XML

JSON object has a type XML data is typeless

JSON types: string, number, array, Boolean All XML data should be string

Data is readily accessible as JSON objects XML data needs to be parsed.

JSON is supported by most browsers. Cross-browser XML parsing can be tricky

JSON has no display capabilities. XML offers the capability to display data

because it is a markup language.

1. JSON example can be created by object and array. Each object can have different data such as text, number, boolean etc. The xml in the example is <bookstore>. All elements in the document are contained within <bookstore>. The <book> element has 4 children: <title>,< author>, <year> and <price>.
2. In any case, if a project requires document markup and metadata information, it is better to use XML, otherwise for a more organized data interchange JSON could be your preferred choice.
3. Html file