Q1. What is XLS? Why we use it?

Ans - An XLS document file is the standard file extension for any document constructed in the Microsoft Excel software program. XLS stands for Excel Spreadsheet. These are used to handle data such as text and images.

Q2. What is XML?

Ans - XML stands for eXtensible Markup Language. XML is a markup language much like HTML. XML was designed to store and transport data.

Q3. Compare JSON and XML. Give 5 points.

Ans –

|  |  |
| --- | --- |
| Json | Xml |
| 1. JSON object has a type | 1. XML data is typeless |
| 2. JSON types: string, number, array, Boolean | 2. All XML data should be string |
| 3. Data is readily accessible as JSON objects | 3. XML data needs to be parsed. |
| 4. JSON is supported by most browsers. | 4. Cross-browser XML parsing can be tricky |
| 5. Retrieving value is easy | 5. Retrieving value is difficult |

Q4. Give two examples of each JSON and XML.

Ans –

JSON array example - ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday"]

JSON object example –

{

"employee": {

"name": "sonoo",

"salary": 56000,

"married": true

}

}

XML example –

1. <note>

<to>Tove</to>

<from>Jani</from>

<heading>Reminder</heading>

<body>Don't forget me this weekend!</body>

</note>

2. <food>

<name>Belgian Waffles</name>

<price>$5.95</price>

<description>Two of our famous Belgian Waffles with plenty of real maple syrup</description>

<calories>650</calories>

</food>

Q5. Is XML outdated? If yes, then what else industry prefers and why?

Ans – Yes, it is outdated. JSON is said to be slowly replacing XML because of several benefits like ease of data modeling or mapping directly to domain objects, more predictability and easy to understand the structure.

Q6.