Java XML and JSON

1. XML declaration is the first line in a XMl document  
   <?xml version = “1.0”?>
2. XML supports Unicode -> UTF-8, /ASCII encoding
3. In the absence of xml declaration or xml declaration encoding, xml parser usually looks for the Byte Order Marker( BOM)(Which is a set of special character sequence) at the start of the document usually appended by the document editor for determining document encoding
4. SAX Parser (Simple API for XML parsing) is an event based XMl parser which is more memory efficient than DOM parser as it does nt require the entire document to be present in the memory

JSON  
1) Java Script Object Notation -> JSON allows Unicode U+2028 encoding for line separator and U+ 2029 for paragraph separator

2) JSON sample file  
{  
property1 : “value”,  
property2 : value,  
property3: true,  
property4 : [  
a: b  
c: d ]  
property 5: null  
property 6 : {  
subprop: value  
}  
}  
It supports 6 types  
1) Numeric  
2) String  
3) Object  
4) null  
5) Arrays  
6) Boolean  
  
Object and arrays can be nested