**XML Schema Definition (XSD)**

* XSD also describes the structure, legal elements and attributes for an XML
* It defines,
* The elements and attributes that can appear in XML
* The number of and also the order of child elements
* Data types for elements and attributes
* Default and fixed values for elements & attributes
* One of the greatest strength of XML Schemas is the support for data types.
* For example the structure/format of the Date as “YYYY-MM-DD”

An element in XML might look like

<start-date>2002-09-24</start-date>

* Another great strength about XML Schemas is that they are written in XML
* Hence XSD’s are extensible so, we can
* Reuse Schema in other Schema
* Create your own data types derived from the standard types
* Reference multiple schemas in the same document