**XML Elements vs Attributes**

* Example 1:

<person gender=”male”>

<name>Praveen</name>

</person>

* Example 2:

<person gender=”male”>

<gender>male</gender>

<name>Praveen</name>

</person>

* Note:

In Example 1 gender is an attribute &

In Example 2 gender is an element

Both examples provide the same information

* There are no rules about when to use attributes or when to use elements in XML

**When to avoid XML Attributes?**

* Attribute cannot contain multiple values but elements can
* Attributes cannot contain tree structures but elements can
* Attributes are not easily expandable for future changes.