SNS COLLEGE OF TECHNOLOGY

Coimbatore-35.
An Autonomous Institution

COURSE NAME : 19CSO303   WEB DESIGNING

III YEAR/ VI SEMESTER

TOPIC : XML NAMESPACES

XML

XML Namespaces
- XML Namespaces provide a method to avoid element name conflicts.

Name Conflicts
- In XML, element names are defined by the developer. This often results in a conflict when trying to mix XML documents from different XML applications.

XML

XML Namespaces
This XML carries HTML table information:
```
<table>
<tr>
<td>Apples</td>
<td>Bananas</td>
</tr>
</table>
```
This XML carries information about a table (a piece of furniture):
```
<table>
<name>African Coffee Table</name>
<width>80</width>
<length>120</length>
</table>
```

XML

Solving the Name Conflict Using a Prefix :
- Name conflicts in XML can easily be avoided using a name prefix.
- This XML carries information about an HTML table, and a piece of furniture:

```
<h:table> <h:tr>
<h:td>Apples</h:td>
<h:td>Bananas</h:td>
</h:tr> </h:table>
<f:table> <f:name>African Coffee Table</f:name>
<f:width>80</f:width>
 <f:length>120</f:length>
</f:table>
```

XML

Solving the Name Conflict Using a Prefix :

XML Namespaces - The xmlns Attribute
- When using prefixes in XML, a **namespace for the prefix must be defined.**
- The namespace can be defined by an **xmlns attribute in the start tag of an element.**
- The namespace declaration has the following syntax. xmlns:*prefix="URI".*