

Using LINQ to XML

LINQ to XML

Special LINQ syntax for XML documents

Can read Element or Attribute-based XML

Can join documents

Can use aggregate functions

```
XElement elem =  
    Element.Load(@"D:\Products.xml");  
List<XElement> list;  
  
// Write Query Here  
list = (from row in  
        elem.Elements("Product")  
        select row).ToList();  
  
foreach (XElement row in list)  
{  
    Console.WriteLine(  
        row.Element("Name").Value);  
}
```

◀ Load the XML file

◀ Use LINQ syntax

◀ Use Elements() method to retrieve nodes

◀ Convert to a List<XElement>

◀ Use Element("ElementName").Value to retrieve a specific value



- Get All Nodes
- Display an Element
- Use a Where Clause
- Get a Single Node
- Use an OrderBy Clause



- Read Attribute-Based XML



- Use Aggregate Functions



- Create Collection of Products