**Create XML with XDocument**

Purpose:

Demonstrate how to use XDocument class to create, read, and write XML. Specifically this package demonstrates:

1. Creating XDocument that holds specified XML, programmatically
2. Writing the XDocument’s XML to a file and to a string
3. Create an XDocument from an XML file or string
4. Search an XDocument instance for elements with specified tag names or attributes

XDocument is a facility created to support LINQ queries into XML. It is a container for the XML parse tree that provides facilities to support LINQ queries about the elements of the parse tree. This demo uses classes:

1. XDocument: A container of XML elements.
2. XElement: represents a node in the XDocument tree containing XML element markup.
3. XDeclaration: Similar to XElement, used to hold XML declaration markup.
4. XComment: An XElement specialized for comments.

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