**Demonstrate Extension Methods**

Purpose:

Extension Methods are static methods of static classes with the syntax:

* public static returnType MethodName(this AppliesTo identifier)

They can be applied to any instance of the AppliesTo type. Thus, extension methods have the syntax of an existing method of the AppliesTo type, but are not defined by that type.

* Since they are static methods they cannot directly access any non-static member data of the instance to which they are applied.

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