# Methods

The objective of this exercise is to consolidate your understanding of C# syntax, value and reference types, method parameters, statics, and extension methods.

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| 1 | Create a new Class Library project called **MethodsLibrary** in {installedFolder}\Labs\06\_Methods  Delete **Class1.cs** |
| 2 | Add an XUnit project to the Solution called **TestProject**.  Rename **UnitTest1.cs** to **MethodTests.cs**  Add a Project Reference to the **MethodsLibrary** project. |
| 3 | In the **Assets** folder, you will find a text file containing tests.  Copy each test code (perhaps one at a time is best) into **MethodTest.cs**.  Use your knowledge of C# to resolve the issues, one test at a time, to ensure each test passes.  Use the Visual Studio Quick Actions and/or **Ctrl+dot** wherever possible, but remember that not everything can be solved with Quick Actions. |
| 4 | Solutions are provided in the **End** folder for your reference. |