**Project conventions:**

* The class with the main method should be given the same name as the project
* All C# files that are a part of the namespace should be within the source folder
* Each individual should make changes in a new branch, which is named appropriately to represent the changes that it aims to make
* All code should be tested to ensure that it works before any changes are merged with the master branch

**Naming conventions:**

* Class variables (private variables) should begin with an underscore
* Names should clearly represent the meaning of the variable and should use the following:
  + Camel casing
    - E.g. sideLength
  + Hungarian notation i.e. if the variable is an object, the first word in the variable name should represent what type of object it is

**Comment conventions:**

* Each file (class) should have the following at the top of the document:
  + Name
  + Purpose/description
  + Modifications/by who/what date
  + Description of what was last modified
* Each method should have a description of what it does and briefly how it works
* TO-DOs, along with other notes, should be left to signify if something is to be added, is broken, has been fixed etc.

**Layout conventions (as specified by Microsoft** [**https://msdn.microsoft.com/en-us/library/ff926074.aspx**](https://msdn.microsoft.com/en-us/library/ff926074.aspx)**)**:

* Write only one statement per line
* Write only one declaration per line
* If continuation lines are not indented automatically, indent them one tab stop (four spaces)
* Add at least one blank line between method definitions and property definitions
* Use parentheses to make clauses in an expression apparent, as shown in the following code