**C# formatting of comments:**

// Single line comment

/\* Multi-line  
comment  
block  
\*/

**Tips for comments:**

* Comments can be used to remove lines of code from being executed without losing the code
* Comment in single line at top of file to describe purpose of code and any algorithms used.
* Code should be self-documenting, i.e. simple to understand by good use of naming for variables etc, the goal being to make it as readable as possible and close to English.
* Comments, if necessary, should never need to explain *what* the code is doing unless it is really complex and uses no self-explaining variables by the nature of it, i.e. a formula

**Comments should occur in the following places:**

1. The top of any program file.

This is called the "Header Comment". It should include all the defining information about who wrote the code, and why, and when, and what it should do – Also any bug fixes should be added to the end of it.

1. Above every function.

This is called the function header and provides information about the purpose of this "sub-component" of the program.

When and if there is only one function in a file, the function header and file header comments should be merged into a single comment.

1. In line

Any "tricky" code where it is not immediately obvious what you are trying to accomplish, should have comments right above it or on the same line with it.