Comment Standards

I.   File Header

Each file in the solution shall have a comment block which identifies:

1. The file name,
2. The author of the file,
3. The classes/procedures in the file with a one line description

II.   Class/Procedure Header

Each class/procedure shall have a comment block preceding it which contains:

1. The class/procedure name,
2. The author of the class/procedure,
3. A summary description of the class/procedure,
4. A list of all arguments with:
   a. Argument name,
   b. Direction: Input (I/P), Output (O/P), Input/Output (I/.O),
   c. Type (I.e., char, double, float, int, long, etc.),
   d. One line description of the argument.

III.   Inline Comments

Many lines of the file should include comments to describe the concept represented by the line. For example:

$y = m * x + b$;   // Calculate the value of y based on a linear equation and the value of x

interest = interestRate * balance;

IV.   Other Comments

Occasionally, a block of code needs a preamble to explain its nature. Hence, a block comment should precede it.