

Coding Styles and Clean Code

Comments:

- Avoid comments explaining syntax.
- When we are doing inline comments, we should use only less than 80 Characters per line. Because when single line is very long, it's hard to read without horizontally scrolling.
- Inline comments should be above the line of code we are commenting. It should not be on the right side of the line of code.
- Please remember to remove unwanted old commented code snippets.

Variables, Classes and Methods:

- These should be meaningful.
- In C#,
 - Classes → PascalCase
 - Method → PascalCase
 - Method Arguments → camelCase
 - Local Variables → camelCase
- When we use variables to store something always use most suitable data types.

Indentation:

- We should use 4 spaces or 1 tab space for when we are doing proper indentation.
- every time we start a new block with curly bracket, we must increase the indentation, and also every time we close a code block with curly bracket, we must reduce the indentation.

Comparing Boolean Values:

- When we are comparing Boolean values do not use equal true or false. The reason is that we can use it directly like below mentioned.
 - if (condition) → we can use like this to check condition true.
Do not use → if (condition == true).
 - if (! condition) → we can use like this to check condition false.
Do not use → if (condition == false).

Citing Codes:

In our program any part of code that not ours, we must cite that part of codes. We can put a comment above that code citing its source with important details.