

Best Practices for Coding in HTML, CSS

Best practices for writing quality code: Optimised and Maintainable

In general

- Have a clear understanding of what you will be building and how you'll be implementing it before coding.
- Proper Commenting (to make the code understandable) and indentation (to make the code readable).

HTML

- Proper web page structuring and organisation of content by dividing the web page into smaller segments and all the segments should be placed in consistency with each other. It means the basic HTML structure should be organised and neat.
- Usage of proper semantic tags wherever required instead of divs. (i.e. header, main, aside, footer, etc.)
- Avoid unnecessary HTML elements and use as few elements as necessary.

CSS

- Proper use of classes to reduce CSS code redundancy, i.e. similar styling, should be applied to a group of similar elements.
- The class and ID names should be meaningful.
- Use appropriate styling properties according to the desired result.
- Less usage of position property for positioning a group of similar elements. (E.g. instead, use layouts like flex, grid, etc.)
- Write all the styles for a particular section/element together instead of scattering them across the CSS document.