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Writing HTML and CSS code not only just to focus on whatever display on the screen, the code writer has to consider the ease and convenience of maintaining the website in long-term. The maintenance and update job maybe done by another person, so this is important to write concise codes that do not cause confusion to another code writer.

When writing the HTML code for the website, different classes will be used in the tags to refer to the corresponding CSS code in the style sheet. These classes will be given a suitable name for each of them, so it is easier to identify the class is for a specify part of content. Basically, the class and tag name will be used in the whole website design, and id will only be used if I think is needed. This is because id only can be used once but class can be used as many times as I like. In HTML and CSS, id has more specificity than class, if there are one id and one class for the same part of content, the id CSS will override the class and display on the screen. I may do that for my website if I have something in a class that I want to code that specifically, but generally I think just use class is enough. If one code will override another code, it needs to be careful and specific on which part needs to override the others. Maybe put comments on the code to avoid confusion when other people look at the code and try to update it.

There is another strong CSS code that is cannot overridden by any other code, called !important. It should rarely be used in mostly cases, because this is the strongest command to use that specify part of code and it is hard to change. For the long-term website maintenance consideration, even something which is suitable for now may change in the future, so this code will not be used in this website neither.

The class and tag will mainly be used in this website design project, may use id depends on need. Keep the codes as simple as possible, delete redundant codes and give all the referring code appropriate name, they will be the principles of how I write my HTML and CSS code.