**97 Things Every Programmer Should Know**

**Chapter 16: A Comment on Comments**

**What are Three Things I learned today**

1. Before – **In my academe, I was never bothered by not putting comments on my code.**

After – **Comments are crucial in writing a code.**

* Comments hold an essential part in documenting a code for is way easier to understand by others.

2. Before – **I put comments whenever it's required by the professor.**

After – **I realized that I should sprinkle my code with relevant comments explaining what the code is supposed to accomplish.**

* If I would not mind to put relevant comments on my code, it would not be readable by others and it might lead things into complications.

3. Before – **I usually forgot to put header comments.**

After – **I realized that header comments should give any programmer enough information to use your code without having to read it.**

* In my previous years I really did not understand the essence of headers in my coding activities. I just put it for the sake of complying to the requirements, but now I realized that header comments hold a significant part to make others understand the code prior before reading the whole document of the code.

**Chapter 17: Comment Only What The Code Cannot Say**

**What are Three Things I learned today**

1. Before – **I have no idea how to offer the reader a sufficient idea about what I suppose to do in coding.**

After – **I should offer the reader a good detail of my code through commenting.**

* In putting clear details, I should also consider what does my code's intent and cannot do.

1. Before – **As long as I have comment to put, I am already good with it.**

After – **"Comment is of zero value if it's wrong"**

* I realized how crucial comments can be. If I put comments for the sake of commenting, it will be of no use. Programmers tend to absorb important details and if I put unnecessary comments it will be such noise to the code.

1. Before – **I have no idea how to properly write a comment.**

After – **"Comment what the code cannot say, not simply what it does not say."**

* Putting comments are not just simply putting it with purpose, but it can be a guide to others to fully understand the code and without leading anyone to confusion. Clear and important details should also be considered.