**ISYS3001 – Assignment 1 exercise**

Remember that this is a public repository - your changes could be seen by anyone who looks!

Add some comments about Version management outside this border, or just add some text so there is a change to this file.

Remember that your GitHub user ID must be submitted in your assignment report!

Once you’ve changed follow the next step in your assignment task.

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**Version management：**

Version management is the process of recording, tracking, maintaining and controlling the changes of the product or system series caused by local improvement and modification of the same product or system to meet different needs.

**The benefits of version management：**

1. As a data backup, this is a major reason. Although data backup can also be done in a clumsy way: local copy, this ancient method has many disadvantages. It can't cope with frequent changes, resulting in a messy version, which is not easy to manage, and takes up space.

2. Version management to avoid confusion. This is the primary reason for using versioning, and the purpose of versioning. You don't want to manually back up multiple copies locally only to have no idea if that backup is the latest, what changes were made to that backup, when the changes were made, or anything else you can't remember. Version management software can solve these problems by keeping a detailed log, remembering every commit you make, every change you make, and being able to compare and see the differences between different versions and revert to any previous version.

3. Improve code quality. Before versioning, it was common to write irrelevant comments in your code, such as when someone changed something on a given day; Or some code is not sure whether to use the form of comments, etc., these are also zombie code. This can now be done by a version control tool, so get the irrelevant zombie code out of your code.

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This is version management.