**课程实践作业四**

**原文：**

**6.2.3 When the Going Gets Tough**

**When the going gets tough, the tough get going.**

* **Look for the usual suspects**
* **Stop asking yourself why the program isn’t doing what you want it to. Instead, ask yourself why it is doing what it is.**
* **Keep in mind that the bug is probably not where you think it is.**
* **Try to explain the problem to somebody else**
* **Don’t believe everything you read**
* **Stop debugging and start writing documentation**
* **Walk away, and try again tomorrow**

**6.2.4 And When You Have Found “The” Bug**

**When you think you have found a bug in your code,**

**It is often better, however, to slow down a little.**

**Ask yourself if this bug explains all the observed symptoms, or whether it is just the tip of the iceberg.**

**Before making any change, try and understand the ramification of the proposed “fix.”**

**Always make sure that you can get back to where you are.**

**译文：**

**当路途变得艰难**

艰难之路，勇者之行

* 注意常见问题
* 别问为什么不是那样，而问为什么是这样
* 牢记错误可能发生在你想不到的地方
* 尝试向他人解释遇到的问题
* 书不可全信
* 停止调试程序，开始撰写文档
* 明天再来会更好

**当你遇上难题**

当你发现了代码中的缺陷，最好慢下节奏，问问自己这个缺陷是所有问题的根本，又或者只是冰山一角。

三思而后行，掌控修改引起的后果。

时刻确保可以恢复初始状态。