***Homework Summary***

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| ***Student ID*** | 105590046 | ***Student Name*** | 卓旭嘉 |
| ***Estimated Time*** | ***\_\_20\_\_\_ hours***  ***(The total time that you “guess” you need to spend on the homework)*** | | |
| ***Time Log*** | ***(Please extend the list if it is not enough for you)***  **Time spent in writing program**   1. From 20 **:** 00 to 22 **:** 00 ***(Ex: From 13:00 to 15:00)*** 2. From 16 **:** 00 to 18 **:** 00 ***(Optional\*)*** 3. From 20 **:** 00 to 02 **:** 00 ***(Optional\*)*** 4. From to ***(Optional\*)***   **Time spent in writing document**   1. From 02 **:** 00 to 02 **:** 30 2. From **:** to **:** ***(Optional\*)***   ***\* If you finished your homework in a single period, you do not need to fill the other periods.*** | | |
| ***Actual Time*** | ***\_\_10\_\_\_ hours***  ***(The actual time you spent on the homework)*** | | |
| ***Difference between Estimated time and Actual Time*** | ***\_\_10\_\_\_ hours (|Estimated Time – Actual Time|)***  ***\_\_50\_\_\_ % (|Estimated Time – Actual Time|/ Estimated Time)*** | | |
| ***Difficulty of the homework*** | ***(Please write down the difficulties you encountered when you did your homework)***  觀察者模式越用越上手，難在要寫出近乎完美的程式碼。 | | |
| ***Other Issues*** | ***(Any thought, learning from homework, or opinion of the homework or the course)***  有點擔心下次作業要寫得單元測試會不會很困難…。 | | |