**NCTU OS HW1 report 2018**

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**Q1. hw1\_1**

Run your code and show the difference between osh> ps –f and osh>ps –f &. You also need to explain and how to implement “&”.

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| Folk一個child， 如果輸出最後一個字元不是”&”，則讓parent waitpid(child,NULL,0)，否則parent繼續執行迴圈，而parent並未等child結束，所以形成zombie process。 |

**Q2. hw1\_2**

Tree format(according OS\_hw1.pdf/p.12):

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**Q3. hw1-3**

Please put your result(screen shot).

Also write down the problems you met and solutions.

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| Result |
| Problems & solutions  起初是parent和child是併行的，parent並不會等child完成後才執行，之後使用wait()函數讓parent必須等待，也使我對整個子行程的觀念更清楚。 |