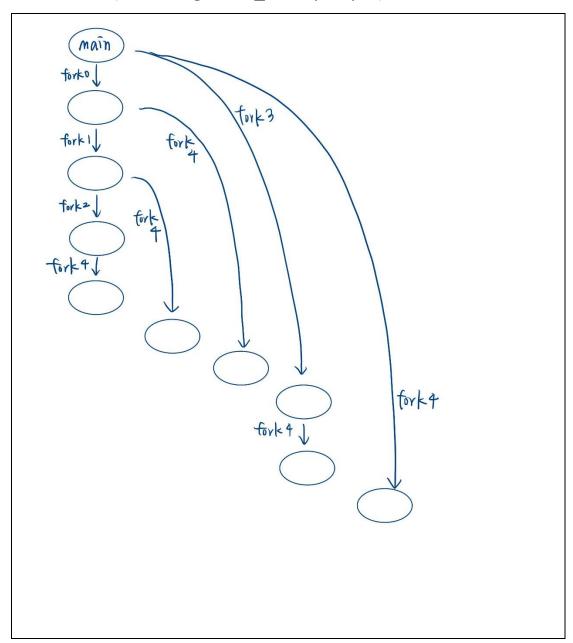
NYCU OS HW1 report 2021

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Q1. hw1_1

Tree format(according to OS_HW1.pdf/p.7):



Please put your result(screenshot).

Also, write down the problems you met and solutions.

Result

```
[ycliang22@linux1 ~]$ nano hw1_2.cpp
[ycliang22@linux1 ~]$ g++ hw1_2.cpp
[ycliang22@linux1 ~]$ ./a.out

Main Process ID : 3386752

Fork 1. I'm the child 3386753, my parent is 3386752.

Fork 2. I'm the child 3386754, my parent is 3386753.

Fork 3. I'm the child 3386755, my parent is 3386754.

Fork 4. I'm the child 3386756, my parent is 3386752.

Fork 5. I'm the child 3386757, my parent is 3386756.

Fork 6. I'm the child 3386758, my parent is 3386752.

Fork 5. I'm the child 3386759, my parent is 3386758.

Fork 5. I'm the child 3386760, my parent is 3386752.

[ycliang22@linux1 ~]$
```

Problems & solutions

實作時,因為有些 parent 漏掉了 wait(),使 fork 的順序和預期的不同。正確判斷 parent process 並加上 wait()後,fork 的順序就對了。

Q3. hw1-3

Please put your result(screenshot).