

# Operating System: Report for Homework III

This is a brief report for the third assignment of the operating system course.

To my remembrance, I started this assignment **eight days ago**. However, I still failed to implement every feature the teacher or assistances mentioned on time, only **carrying out the first three features out of five**.

The assignment is much harder than I had thought before I worked on it, although it is an interesting assignment. I tried out some examples and read some information that the teacher assistances provided. Two days ago, right after the operating system class, I discussed the usage of pipe with my classmate and tried it out finally after two hours. But then came the problem of using two pipes, and it took me another two or three hours to find out the solution to it. Except for the weekends, I spent three hours or so to implement this shell and browse the information. **The concept of pipe did not seem to be difficult, but the implementation of it deprived me of much freedom.**

Despite the unfinished work, I think that I still learnt a lot from reading and trying a lot of things related to the input/output of a shell. However, keeping this in mind, I'd better work on my next assignment immediately.