

OS HW2 report

Name: 周孟謙

Student ID: 0816028

Question	Answer
Q1. Briefly describe about your data structure for recording process' time or anything you need to record.	一開始要記錄每個 process 的 id, arrival time, burst time，而在模擬過程中若 process 完成則紀錄 waiting time，最後的 $\text{turnaround time} = \text{waiting time} + \text{burst time}$
Q2. How to simulate process scheduling?	藉由 vector 或是 queue 來模擬在 queue 中排列並等待的各個 process，並應映各種輸出與輸入的狀況
Q3. Some problems you meet and how to resolve.	一直無窮迴圈或是遇到沒預想到的情況，用 cout 檢查個個部分和數值是否正確，直到一切都符合預想狀況
Q4. What you learned from doing OS hw3 and something you want to discuss with TAs.	更加了解了個個 process scheduling 的特點以及運行方式，並且學會了用程式模擬之和 debug

