Chapter 3 - Memory

1. What is the problem with no memory abstraction?

2. What is swapping - batch system?

3. What are the two methods of memory management?

4. What are the advantages of the linked list method (Section 4.2.1 & 4.2.2)?

5. Understand algorithms to allocate memory: first fit, next fit, best fit, worst fit (Sectio 4.2.2).

6. What is the unit of virtual memory, and of physical memory?

7. What is the page table mainly for?

8. What is TLB and what is that for?

9. Differentiate page faults, TLB soft misses and TLB hard misses.

10. What is the essence of PRAs?

Question for Lab

1. What is the page table mainly for?
2. What is TLB and what is that for?
3. Differentiate page faults, TLB soft misses and TLB hard misses.
4. A memory free in 4 frames. Which state of the memory after the page 4 is accessed when the requested page as 2 3 2 0 1 5 2 4 5 3 2 5 2 using LRU

5. Assume that the Page Table below is in effect. The number of lines per page is 400. The actual memory location for line 1634 is ___34_____ .

Page Number	Page Frame Number
0	8
1	10
2	5
3	11
4	0