Week 10

1   Please read the Chapter 8 Main Memory.

2   You should know the address binding, and the difference between logical and physical address space.

3   Why does the operating system use swapping?

4   You must understand the memory allocation scheme including contiguous memory allocation, segment allocation and paging allocation. What are the advantages and disadvantages?

5   You should know how the address is translated form logical address to physical address when system uses segment allocation and paging allocation.

6   You should have basic idea about memory management about Intel 32 and 64-bit Architectures.

Understand the terms:

1   compaction

2   logical address

3   internal fragmentation

4   external fragmentation

5   segmentation

6   protection

7   page table