Operating Systems Design
Memory management
Tutorial 2

1)   Explain the functions of the Bounds, address and instruction register.

2)   Explain the fixed partitioning memory management system. Use a diagram. List its disadvantages.

3)   Explain the first, best, worst and next schemes when allocating memory to a process in fixed partitioning memory system.

4)   Explain how to join two blocks in dynamic partitioning memory management system. Suggest a table of free partitions and show how to combine two partitions located in memory when deallocating memory in. give addresses and sizes of partitions.

5)   What are the advantages and disadvantages of the compaction operation?