G51CSA Lecture Notes #8

Reading: Main text, Chapters 8 + relevant Chapters in reference B and C

Operating System Support

1. OS Objectives and Function
   - OS as User/Computer Interface
   - OS as Resource Manager
2. Types of OS
   - Simple batch systems
   - Multitasking systems
   - Time sharing systems
3. Scheduling
   - Process
   - Process states
   - Scheduling techniques
4. Memory management
   - Partitioning
5. Virtual memory
   - Paging
   - Implementation of paging
   - Demand paging
   - Page replacement policies