

Outline for March 31, 2008

Reading: Text, §1

1. Greetings and felicitations!
 - a. Review course management
2. Evolution of operating systems
3. First generation (vacuum tubes): hardware only, open shop
4. Second generation (transistors)
 - a. Separation of programmers and operators
 - b. Batching, satellite systems, buffering
 - c. Device independence, resident loaders, first operating system, JCL
 - d. Atlas system: extracodes, interrupts, virtual memory
5. Third generation (integrated circuits)
 - a. Spooling, job scheduling, multiprogramming

to be continued