Outline for April 7, 2008

**Reading:** *Text*, §4.1, 4.3, 4.5, 4.6

1. Greetings and felicitations!
2. User interface
   a. Kernel, essential utilities, optional utilities
   b. Command interpreter: JCL for batch, command language for interactive
   c. Program vs. environment
   d. Invoking programs; global vs. local environment
   e. Other features: interrupt, suspend, background, command completion
3. System kernel
   a. First level interrupt handler
   b. Dispatcher
   c. IPC primitives