Lecture #11: Modularization

Reading: *none*
Handouts: Coupling and Cohesion

1. Greetings and felicitations
2. Interface
    - Where do you split things up?
        - look for parts of problems and places where higher-level stuff need not know about lower-level stuff *ex.* database program for addresses
        - look for places where program is likely to change *ex*. machine-dependent code, organization-dependent code (use news, i/o buffers as examples) Then hide these using an interface which passes minimum, as few globals as possible
    - MAXIMUZE COHESION, MINIMIZE COUPLING (do handout)
    - ADVICE: KISS; "everything should be made as simple as possible, but no simpler"
3. Modularity: how do you break things up?
    - do "stack" as a module
    - show breakdown: what are operations?
    - what is data structure?