Test 2 – Jiading Zhou

* List the components of a CPU?
  1. Control Unit
  2. Arithmetic Logic Unit
  3. Register
  4. System bus
* CPUs can be classified by hardware elements, list 5?
  1. Design type
  2. Speed
  3. Cache
  4. CPU Scheduling
  5. Control bus
* List two types of pipes?
  1. Ordinary pipes
  2. Named pipes
* List all Multithreading Models?
  1. Many-to-One
  2. One-to-One
  3. Many-to-Many
* List 3 definition of Threads?
  1. Thread is the segment of a process.
  2. Thread is a path of execution within a process.
  3. Thread is also known as lightweight process.
* List the states of Threads?
  1. Running
  2. Ready
  3. Blocked
* List the types of Threads?
  1. User Level Thread
  2. Kernel Level Thread
* List the states of Process?
  1. New
  2. Running
  3. Waiting
  4. Ready
  5. Terminated
* Define a process?
  1. Process means any program is in execution.
* List the types of System buses?
  1. Control bus
  2. Address bus
  3. Data bus