Threads

different execution points within the same process

lightweight processes - share all but program state

can increase CPU utilization

multicore processors

virtual solution to some problems

advantages over processes: 1) communicate more easily

2) more efficient - less work to switch

3) can be implemented in user mode

   (but lose ability to execute one

   thread when another is blocked for I/O)

cons 1) blocking I/O is a problem

2) lost preemption

3) more synchronization issues