

- Paging out memory (Old lab 4)
- Simplethreads (built separately from xk)
 - User level thread library.
 - <https://courses.cs.washington.edu/courses/cse451/17sp/projects/threads.html>
- Implement kernel threads in xk kernel
 - Kernel-level synchronization primitives exposed to app code
- Implement user level threads as a library for xk applications
 - Non-preemptive scheduling
 - Pre-emptive requires implementation of signals
 - User-level synchronization primitives
- Implement both kernel and user level threads in xk
- Improve xk scheduler
- Improve xk synchronization primitives implementations
- Add more useful system calls
- Implement signals
- Implement FFS for the File System
- Allow concurrent transactions in the File System