A4 Steps:

* Move in the OLD slob file, then Apply patch: patch < assignment4.patch
* Modify arch/x86/syscalls/syscall\_32.tbl to hold a unique system call number to be called from our test driver. The syscall\_32.tbl file unique 2 system calls will refer to syscalls.h, where we’ve established our asmlinkage’d free memory and used memory methods
* Modify include/linux/syscalls.h to have two methods for free memory and used memory
* Make menuconfig 🡪 general setup -> choose SLOB allocator
* mm/slob.c is NEW file that holds Best Fit, mm/slobOld.c is OLD file that holds First Fit
* make –j4 all
* source /scratch/opt/environment-setup-i586-poky-linux
* qemu-system-i386 -gdb tcp::6504 -S -nographic -kernel arch/x86/boot/bzImage -drive file=core-image-lsb-sdk-qemux86.ext3,if=ide -enable-kvm -usb -localtime --no-reboot --append "root=/dev/hda rw console=ttyS0 debug"
* Scp in the Test drivers:

scp –r hoffera@os-class.engr.oregonstate.edu:/scratch/spring2017/10-04/linux-yocto-3.14/mm/A4Test /home/root