Demo Steps – Assignment 2

IN TERMINAL:

1) source the environment

source /scratch/opt/environment-setup-i586-poky-linux

2) cd into the block file

apply patch:

patch < /scratch/spring2017/10-04/assignment2.patch

patch will remove, then make it again

2) make menuconfig

2) make –j4 all

3) run qemu:

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"

Second terminal with gdb running

IN VM:

Cd /sys/block/hda/queue

Cat scheduler

Echo sstf > scheduler

1) go to # directory

2) scp hoffera@os-class.engr.oregonstate.edu:/scratch/spring2017/10-04/A2TestScript.c /bin

3) go into bin, gcc compile test script and run