xv6: Resources

Prerequisite tools: <https://pdos.csail.mit.edu/6.828/2022/tools.html>

Cloning codebase:

git clone <https://github.com/shuaibw/xv6-riscv> --depth=1

Compile and run (from inside xv6-riscv directory):

make clean; make qemu

Generating patch (from inside xv6-riscv directory):

git add --all; git diff HEAD > *<patch file name>*

e.g.: git add --all; git diff HEAD > ../test.patch

Applying patch:

git apply --whitespace=fix *<patch file name>*

e.g.: git apply --whitespace=fix ../test.patch

Cleanup git directory:

git clean -fdx; git reset --hard

Explanation of source code (Not required for this course, but you may want to go through it):

<https://www.youtube.com/watch?v=fWUJKH0RNFE&list=PLbtzT1TYeoMhTPzyTZboW_j7TPAnjv9XB>