

### Xv6:

Xv6 is a teaching operating system developed in the summer of 2006 for MIT's operating systems course. This assignment is the introduction to XV6, an x86-based re-implementation of Unix v6. The goal of this lab is to give you a basic introduction to the xv6 OS, its shell, and processes in general.

### QEMU:

QEMU is an emulator that provides the virtual platform to run xv6 kernel image on the host linux machine

Steps for installing xv6 (ubuntu) :

1. `sudo apt-get install qemu qemu-system-x86`
2. `sudo apt-get install libc6-dev:i386`
3. `git clone https://github.com/mit-pdos/xv6-public.git xv6`
4. `chmod 700 -R xv6`
5. `cd xv6`
6. `make`
7. `make qemu`