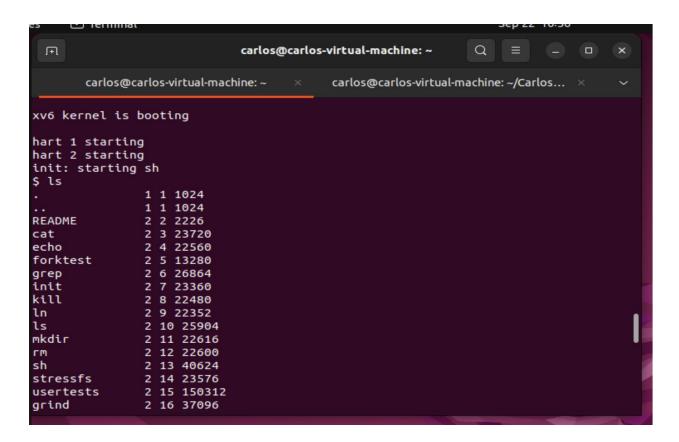
HW 1: Introduction to xv6

Task 1. Boot xv6 and explore utilities

I'm using VMware workstation pro, and installed ubuntu into it. It took a long time to set up since I don't have a very powerful laptop. I started playing to remember how to move around bash. Using Is to get see all the files, cd .., cd ~, cd path. Also using git and it's commands to control my repo and the branches.

```
ties
      Terminal
                                                                    Sep 22 17:00
                carlos@carlos-virtual-machine: ~/Carlos_CepedaXV6
                                                                Q
  TT.
        carlos@carlos-virtual-machine: ~
                                           carlos@carlos-virtual-machine: ~/Carlos...
 create mode 100644 xv6-riscv-labs.git/hooks/pre-receive.sample
 create mode 100644 xv6-riscv-labs.git/hooks/prepare-commit-msg.sample create mode 100644 xv6-riscv-labs.git/hooks/push-to-checkout.sample
 create mode 100644 xv6-riscv-labs.git/hooks/update.sample
 create mode 100644 xv6-riscv-labs.git/info/exclude
 create mode 100644 xv6-riscv-labs.git/objects/pack/pack-4f892e694b55b3cc29aa39e
bc57113be3ab3d0ff.idx
 create mode 100644 xv6-riscv-labs.git/objects/pack/pack-4f892e694b55b3cc29aa39e
bc57113be3ab3d0ff.pack
 create mode 100644 xv6-riscv-labs.git/packed-refs
carlos@carlos-virtual-machine:~/Carlos_CepedaXV6$ git checkout HW1
Already on 'HW1'
Your branch is up to date with 'origin/HW1'.
carlos@carlos-virtual-machine:~/Carlos_CepedaXV6$ ls
fs.img kernel LICENSE Makefile mkfs README
carlos@carlos-virtual-machine:~/Carlos_CepedaXV6$ cd user
carlos@carlos-virtual-machine:~/Carlos_CepedaXV6/user$ ls
               grind.asm
                              ln.asm
                                          ps.o
                                                       sh.o
                                                                       usertests.c
cat.asm
               grind.c
                              ln.c
                                          ps.sym
                                                       sh.sym
                                                                       usertests.d
               grind.d
                              ln.d
                                          _pstest
cat.c
                                                                       usertests.o
cat.d
               grind.o
                              ln.o
                                          pstest.asm sleep.asm
                                                                       usertests.sym
                                                                        usys.d
               grind.sym
                              ln.sym
                                          pstest.c
                                                       sleep.c
cat.o
cat.sym
                                          pstest.d
                                                       sleep.d
                                                                        usys.o
                              ls.asm
               init.asm
                                          pstest.o
                                                                        usys.pl
                                                       sleep.o
```



Task 2. Implement the uptime utility.

Once everything was setup creating the file was not hard. This gave me a a good understanding of how we're going to be conducting the homework and projects for the class. For the most part the only thing I had an issue with was understanding the instructions. But with the help of other students, we realized what needed to be done. The coding part was straightforward.

