

First Assignment:

Test Cases:

```
oslab1@Ares: ~/xv6-labs-202! × + v
format=raw,id=x0 -device virtio-blk-device,drive=x0,bus=virtio-mmio-bus.0

xv6 kernel is booting

hart 1 starting
hart 2 starting
init: starting sh
$ uptime
24
$ sleep 100
$ uptime
305
```

```
oslab1@Ares: ~/xv6-labs-202! × + v
init: starting sh
$ find . ".c"
Running find on path: . with pattern: ".c"
/visiting: .
/visiting: ./README
/visiting: ./findtest.sh
/visiting: ./sixfive.txt
/visiting: ./cat
/visiting: ./echo
/visiting: ./forktest
/visiting: ./grep
/visiting: ./init
/visiting: ./kill
/visiting: ./ln
/visiting: ./ls
/visiting: ./mkdir
/visiting: ./rm
/visiting: ./sh
/visiting: ./stressfs
/visiting: ./usertests
```

```
oslab1@Ares: ~/xv6-labs-2021
xv6 kernel is booting

hart 2 starting
hart 1 starting
init: starting sh
$ echo hi
hi
$ ls
.          1 1 1024
..         1 1 1024
README    2 2 2425
findtest.sh 2 3 91
sixfive.txt 2 4 19
cat        2 5 37512
echo       2 6 36376
forktest   2 7 18424
grep       2 8 40880
init       2 9 36848
kill       2 10 36320
ln         2 11 36136
ls         2 12 39472
mkdir     2 13 36392
rm         2 14 36376
sh         2 15 60352
stressfs   2 16 37248
usertests  2 17 185960
grind      2 18 52200
wc         2 19 38456
zombie     2 20 35744
logstress  2 21 38232
forphan    2 22 37136
dorphan    2 23 36584
sleep      2 24 36328
sixfive    2 25 37712
find       2 26 44888
uptime     2 27 35824
time       2 28 37216
memdump    2 29 39784
console    3 30 0
$ history
1: echo hi
2: ls
```

```
$ sleep 5 &
$ wait
$ echo done
done
```

```
$ echo before
before
$ sleep 2 &
$ echo middle
middle
$ wait
$ echo after
after
$ |
```