HW2

20182732 이윤지

#2-1

Code ScreenShot (init.c)

```c
#include "fcntl.h"

char *argv[] = { "sh", 0 };

int
main(void)
{
  int pid, wpid;

  if(open("console", O_RDWR) < 0){
    mknod("console", 1, 1);
    open("console", O_RDWR);
  }
  dup(0);  // stdout
  dup(0);  // stderr

  for(;;){
    printf(1, "init: starting sh\n");
    printf(1, "ID: 20182732\n");
    printf(1, "NAME: Yunji Lee\n");

    pid = fork();
    if(pid < 0){
      printf(1, "init: fork failed\n");
```

11,3   31%

Boot message

```
nmeta 59 (boot, super, log blocks 30 inode blocks 26, bitmap blocks 1) blocks 94
1 total 1000
balloc: first 565 blocks have been allocated
balloc: write bitmap block at sector 58
qemu-system-i386 -nographic -drive file=fs.img,index=1,media=disk,format=raw -dr
ive file=xv6.img,index=0,media=disk,format=raw -smp 2 -m 512
xv6...
cpu1: starting 1
cpu0: starting 0
sb: size 1000 nblocks 941 ninodes 200 nlog 30 logstart 2 inodestart 32 bmap star
t 58
init: starting sh
ID: 20182732
NAME: Yunji Lee
$
```