임베디드소프트웨어2 실습5

File System

cd /Smart4412Linux/Development/Source/filesystem
ls

tar zxvf rootfs_4412_linux.tgz
ls

chmod 777 mkfs.sh
ls

./mkfs.sh
ls

Device Driver

cd /Smart4412Linux/Development/Source/kernel/kernel_4412/Documentation
vim devices.txt

cd /Smart4412Linux/Development/Source/kernel/kernel_4412/include/linux
vim fs.h

cd /
mkdir hello
cd /hello

vim hello.c

```
#include <linux/kernel.h>
#include <linux/module.h>
#include <linux/init.h>

MODULE_LICENSE("GPL");

int module_start(void) {
printk ("Hello World!!\n");
return 0;
}

void module_end(void) {
printk("Goodbye World!! \n");
}
```

```
module_init(module_start);
module_exit(module_end);
```

vim Makefile

```
obj-m := hello.o
KDIR := /Smart4412Linux/Development/Source/kernel/kernel_4412
all:
  make -C $(KDIR) SUBDIRS=$(PWD)
clean:
  rm -rf *.o *.ko *.mod *.cmd *.mod.c
```

insmod hello.ko

dmesg