

C1 & C2

```
# insmod myfs.ko
```

```
# lsmod
```

```
root@liavan:/home/user/linux/hw5# insmod myfs.ko
root@liavan:/home/user/linux/hw5# lsmod
Module                Size  Used by
myfs                   12989  0
nls_utf8               12557  1
```

C.3

```
# mount -t myfs loop /mnt
```

```
# mount
```

```
root@liavan:/home/user/linux/hw5# mount -t myfs loop /mnt
root@liavan:/home/user/linux/hw5# mount
/dev/sda1 on / type ext4 (rw,errors=remount-ro)
proc on /proc type proc (rw,noexec,nosuid,nodev)
sysfs on /sys type sysfs (rw,noexec,nosuid,nodev)
none on /sys/fs/cgroup type tmpfs (rw)
none on /sys/fs/fuse/connections type fusectl (rw)
none on /sys/kernel/debug type debugfs (rw)
none on /sys/kernel/security type securityfs (rw)
udev on /dev type devtmpfs (rw,mode=0755)
devpts on /dev/pts type devpts (rw,noexec,nosuid,gid=5,mode=0620)
tmpfs on /run type tmpfs (rw,noexec,nosuid,size=10%,mode=0755)
none on /run/lock type tmpfs (rw,noexec,nosuid,nodev,size=5242880)
none on /run/shm type tmpfs (rw,nosuid,nodev)
none on /run/user type tmpfs (rw,noexec,nosuid,nodev,size=104857600,mode=0755)
none on /sys/fs/pstore type pstore (rw)
systemd on /sys/fs/cgroup/systemd type cgroup (rw,noexec,nosuid,nodev,named=systemd)
shared_between on /home/user/test type vboxsf (rw,uid=0,gid=999,dmode=0770,fmode=0770,dmask=0000,fmask=0000,tag=VBoxAutomounter)
gvfsd-fuse on /run/user/1000/gvfs type fuse.gvfsd-fuse (rw,nosuid,nodev,user=user)
/dev/sr0 on /media/user/VBox_GAs_7.0.14 type iso9660 (ro,nosuid,nodev,uid=1000,gid=1000,iocharset=utf8,mode=0400,dmode=0500,uhelper=udisks2)
loop on /mnt type myfs (rw)
root@liavan:/home/user/linux/hw5#
```

C.4

```
root@liavan:/home/user/linux/hw5# echo 3 >/mnt/input/a
root@liavan:/home/user/linux/hw5# cat /mnt/input/a
3
root@liavan:/home/user/linux/hw5# echo 2 > /mnt/input/b
root@liavan:/home/user/linux/hw5# cat /mnt/input/b
2
root@liavan:/home/user/linux/hw5# cat /mnt/output/add
5
root@liavan:/home/user/linux/hw5# cat /mnt/output/sub
3
root@liavan:/home/user/linux/hw5# cat /mnt/output/add
5
root@liavan:/home/user/linux/hw5# cat /mnt/output/sub
3
root@liavan:/home/user/linux/hw5# ^C
root@liavan:/home/user/linux/hw5# cat /mnt/output/sub
1
root@liavan:/home/user/linux/hw5#
```