

# Lab4

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root@lin-virtual-machine: /home/lin/Desktop/lab4
lin@lin-virtual-machine:~/Desktop/lab4$ ls
lab4_1.c  Makefile
lin@lin-virtual-machine:~/Desktop/lab4$ make
make[1]: Entering directory '/usr/src/linux-headers-5.15.0-48-generic'
  CC [M]  /home/lin/Desktop/lab4/lab4_1.o
  MODPOST /home/lin/Desktop/lab4/Module.symvers
  CC [M]  /home/lin/Desktop/lab4/lab4_1.mod.o
  LD [M]  /home/lin/Desktop/lab4/lab4_1.ko
  BTF [M] /home/lin/Desktop/lab4/lab4_1.ko
Skipping BTF generation for /home/lin/Desktop/lab4/lab4_1.ko due to unavailability of vmlinux
make[1]: Leaving directory '/usr/src/linux-headers-5.15.0-48-generic'
lin@lin-virtual-machine:~/Desktop/lab4$ sudo -i
[sudo] password for lin:
root@lin-virtual-machine:~# cd ^C
root@lin-virtual-machine:~# cd /home/lin/Desktop/lab4/
root@lin-virtual-machine:/home/lin/Desktop/lab4# insmod lab4_1.ko
root@lin-virtual-machine:/home/lin/Desktop/lab4# cat /dev/lab4
Hello world, the current time is 05:59:22
root@lin-virtual-machine:/home/lin/Desktop/lab4# cat /dev/lab4
Hello world, the current time is 05:59:31
root@lin-virtual-machine:/home/lin/Desktop/lab4#
```