```
erv@ubuntu:~/Documents/comp322/project_2$ ls
erv51194.c  Makefile
erv@ubuntu:~/Documents/comp322/project_2$ make
make -C /lib/modules/3.19.0-47-generic/build M=/home/erv/Documents/comp322/project_2 modules
make[1]: Entering directory '/usr/src/linux-headers-3.19.0-47-generic'
  CC [M]  /home/erv/Documents/comp322/project_2/erv51194.o
  Building modules, stage 2.
  MODPOST 1 modules
  CC      /home/erv/Documents/comp322/project_2/erv51194.mod.o
  LD [M]  /home/erv/Documents/comp322/project_2/erv51194.ko
make[1]: Leaving directory '/usr/src/linux-headers-3.19.0-47-generic'
erv@ubuntu:~/Documents/comp322/project_2$ ls
erv51194.c  erv51194.ko  erv51194.mod.c  erv51194.mod.o  erv51194.o  Makefile  modules.order  Module.symvers
erv@ubuntu:~/Documents/comp322/project_2$
```

```
erv@ubuntu:~/Documents/comp322/project_2$ ls
erv51194.c  erv51194.ko  erv51194.mod.c  erv51194.mod.o  erv51194.o  Makefile  modules.order  Module.symvers
erv@ubuntu:~/Documents/comp322/project_2$ sudo insmod erv51194.ko
erv@ubuntu:~/Documents/comp322/project_2$
```

```
[ 2734.218185] Loading Module
[ 2846.007086] Removing Module
[ 4689.762929] e1000: eth0 NIC Link is Down
[ 4693.528765] sched: RT throttling activated
[ 4701.205666] e1000: eth0 NIC Link is Up 1000 Mbps Full Duplex, Flow Control: None
[ 4985.334517] Loading Module
erv@ubuntu:~/Documents/comp322/project_2$
```

```
[ 5107.387222] Removing Module
erv@ubuntu:~/Documents/comp322/project_2$ sudo insmod erv51194.ko
erv@ubuntu:~/Documents/comp322/project_2$ lsmod
Module                  Size  Used by
erv51194               16384  0
cfg80211              540672  0
hid_generic            16384  0
```

```
[ 4701.205666] e1000: eth0 NIC Link is Up 1000 Mbps Full Duplex, Flow Control: None
[ 4985.334517] Loading Module
erv@ubuntu:~/Documents/comp322/project_2$ sudo rmmod erv51194
erv@ubuntu:~/Documents/comp322/project_2$
```

```
[ 4985.334517] Loading Module
[ 5107.387222] Removing Module
erv@ubuntu:~/Documents/comp322/project_2$
```