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Exercise 9. Write a C program, keyboard logger, to capture keyboard strokes, through which we can capture typed passwords.

Steps:

Make.

Insert module : “sudo insmod Q9.ko”.

Test Input capture by : “sudo dmesg|tail”

Remove Module : “sudo rmmod Q9”

```
r7-mini-workstation@r7miniworkstation:~/Desktop/Sem8/DD/Lab3/Ex9$ make
make -C /lib/modules/5.8.18-050818-generic/build M=/home/r7-mini-workstation/Desktop/Sem8/DD/Lab3/Ex9 modules
make[1]: Entering directory '/usr/src/linux-headers-5.8.18-050818-generic'
  CC [M] /home/r7-mini-workstation/Desktop/Sem8/DD/Lab3/Ex9/Q9.o
  MODPOST /home/r7-mini-workstation/Desktop/Sem8/DD/Lab3/Ex9/Module.symvers
  CC [M] /home/r7-mini-workstation/Desktop/Sem8/DD/Lab3/Ex9/Q9.mod.o
  LD [M] /home/r7-mini-workstation/Desktop/Sem8/DD/Lab3/Ex9/Q9.ko
make[1]: Leaving directory '/usr/src/linux-headers-5.8.18-050818-generic'
r7-mini-workstation@r7miniworkstation:~/Desktop/Sem8/DD/Lab3/Ex9$ sudo insmod Q9.ko
r7-mini-workstation@r7miniworkstation:~/Desktop/Sem8/DD/Lab3/Ex9$ sudo dmesg|tail
[25572.580389] s
[25572.588120] a
[25573.604188] _BACKSPACE_
[25573.844442] g
[25574.844451] l
[25575.804517] t
[25575.908301] a
[25576.076524] l
[25576.292528] l
[25576.556620] _ENTER_
r7-mini-workstation@r7miniworkstation:~/Desktop/Sem8/DD/Lab3/Ex9$ test text
r7-mini-workstation@r7miniworkstation:~/Desktop/Sem8/DD/Lab3/Ex9$ sudo dmesg|tail
[25588.589206] t
[25589.341205]
[25592.173142] t
[25592.269536] e
[25593.117442] s
[25593.461433] t
[25594.365480] _ENTER_
[25596.069549] _UP_
[25596.285610] _UP_
[25596.957694] _ENTER_
r7-mini-workstation@r7miniworkstation:~/Desktop/Sem8/DD/Lab3/Ex9$ sudo rmmod Q9
r7-mini-workstation@r7miniworkstation:~/Desktop/Sem8/DD/Lab3/Ex9$
```