**Lab2 solution**

1. Just follow the steps below:
   1. List all kernel modules: lsmod
   2. Compile the module: make
   3. Load the kernel module: sudo insmod simple.ko
   4. Check the kernel log buffer: dmesg
   5. Remove the kernel module: sudo rmmod simple
   6. Check the kernel log buffer: dmesg
2. Now Edit the simple.c, and makefile is the same as before:
   1. First of all, clear the kernel log buffer: sudo dmesg -c
   2. Compile the new simple.c: make
   3. Load the kernel module ‘simple’: sudo insmod simple.ko
   4. Check the kernel log buffer and save in output.txt: dmesg >> output.txt
   5. Remove the kernel module: sudo rmmod simple
   6. Print the output to output.txt: dmesg >> output.txt