**Rss vsz**  
  
 mkdir ~/lkm\_process\_info

cd ~/lkm\_process\_info

nano process\_info.c

nano Makefile

make

ps aux | grep bash # Get the PID of bash or any process

sudo insmod process\_info.ko pid=1234 # Replace 1234 with actual PID

dmesg | tail -n 20  
  
  
**kmalloc**   
  
mkdir ~/lkm\_task\_details

cd ~/lkm\_task\_details

nano task\_details.c

nano Makefile

make

sudo insmod task\_details.ko

dmesg | tail -n 100

**kmalloc vmalloc**  
  
mkdir ~/lkm\_memory\_alloc

cd ~/lkm\_memory\_alloc

nano memory\_alloc.c  
nano Makefile

make

sudo insmod memory\_alloc.ko

dmesg | tail -n 20

**mutex**   
  
mkdir ~/lkm\_mutex\_example

cd ~/lkm\_mutex\_example

nano mutex\_example.c

nano Makefile

make

sudo insmod mutex\_example.ko

dmesg | tail -n 20  
  
  
**zombie**   
  
nano wait\_example.c

gcc -o wait\_example wait\_example.c

./wait\_example