

Скриншоты работы программы

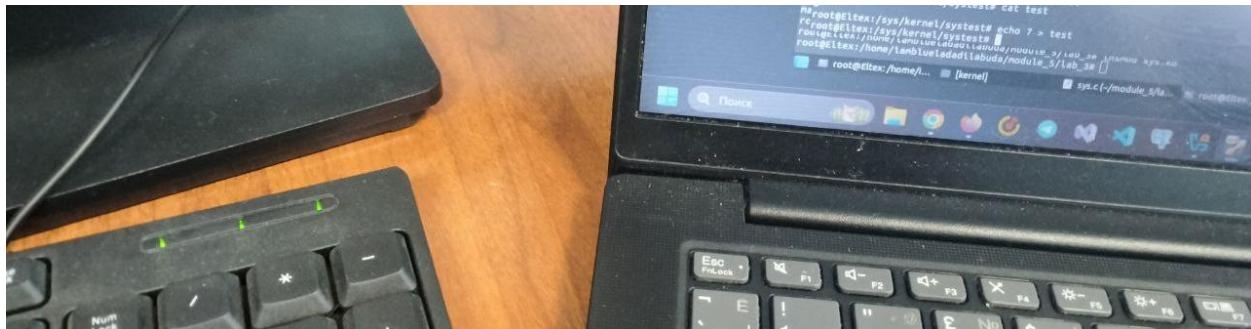
Запуск программы

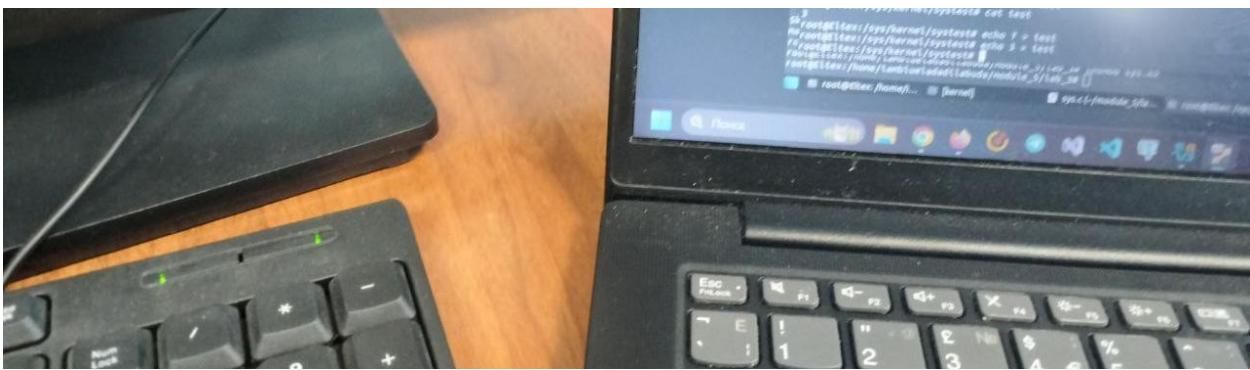
```
root@Eltex:/home/iamblueladadilabuda/module_5/lab_3# make
make -C /lib/modules/6.8.0-90-generic/build M=/home/iamblueladadilabuda/module_5/lab_3 modules
make[1]: Entering directory '/usr/src/linux-headers-6.8.0-90-generic'
warning: the compiler differs from the one used to build the kernel
  The kernel was built by: x86_64-linux-gnu-gcc-12 (Ubuntu 12.3.0-1ubuntu1~22.04.2) 12.3.0
  You are using:          gcc-12 (Ubuntu 12.3.0-1ubuntu1~22.04.2) 12.3.0
CC [M]  /home/iamblueladadilabuda/module_5/lab_3/sys.o
MODPOST /home/iamblueladadilabuda/module_5/lab_3/Module.symvers
CC [M]  /home/iamblueladadilabuda/module_5/lab_3/sys.mod.o
LD [M]  /home/iamblueladadilabuda/module_5/lab_3/sys.ko
BTF [M] /home/iamblueladadilabuda/module_5/lab_3/sys.ko
Skipping BTF generation for /home/iamblueladadilabuda/module_5/lab_3/sys.ko due to unavailability of vmlinux
make[1]: Leaving directory '/usr/src/linux-headers-6.8.0-90-generic'
root@Eltex:/home/iamblueladadilabuda/module_5/lab_3# sudo su
root@Eltex:/home/iamblueladadilabuda/module_5/lab_3# insmod sys.ko
root@Eltex:/home/iamblueladadilabuda/module_5/lab_3# rmmod sys.ko
```

Изменение данных в файле

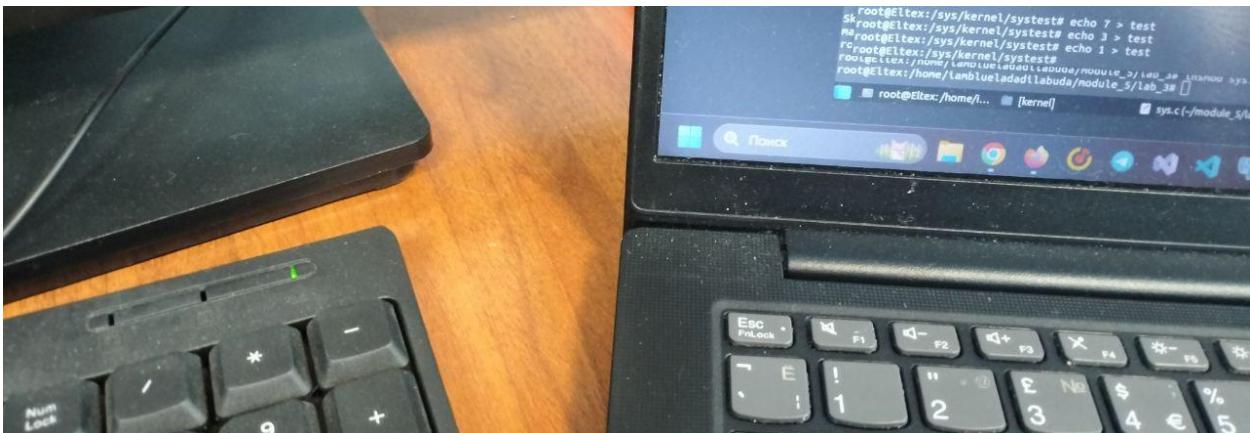
```
iamblueladadilabuda@Eltex:~/module_5/lab_3$ sudo su
root@Eltex:/home/iamblueladadilabuda/module_5/lab_3# cd /sys/kernel/systest
root@Eltex:/sys/kernel/systest# echo 7 > test
root@Eltex:/sys/kernel/systest# echo 3 > test
root@Eltex:/sys/kernel/systest# echo 1 > test
root@Eltex:/sys/kernel/systest# echo 4
4
root@Eltex:/sys/kernel/systest# echo 4 > test
root@Eltex:/sys/kernel/systest# echo 5 > test
root@Eltex:/sys/kernel/systest# echo 1 > test
root@Eltex:/sys/kernel/systest# echo 2 > test
root@Eltex:/sys/kernel/systest# echo 6 > test
```

Что происходило за кадром

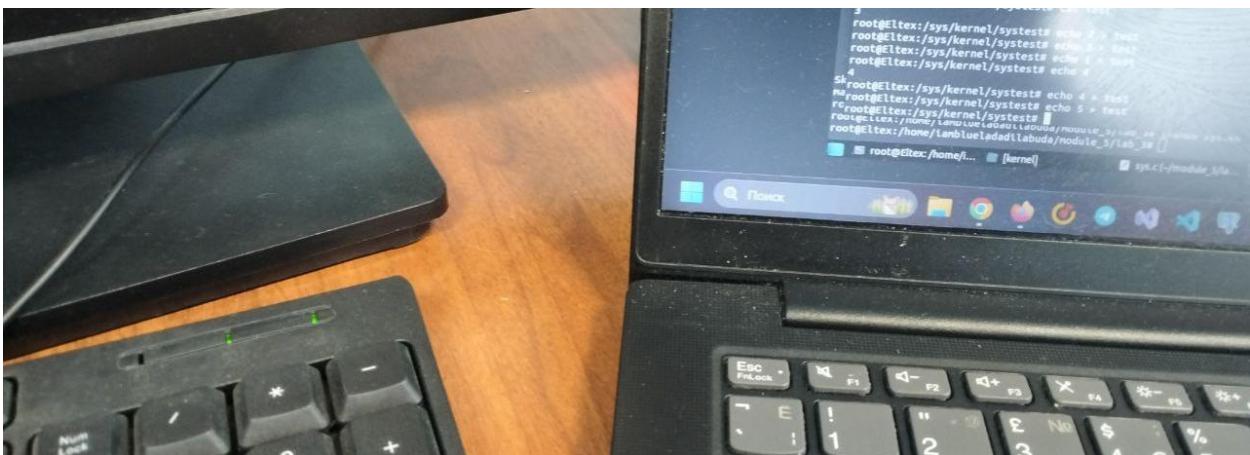




```
root@Eltex:/sys/kernel/systests# cat test
3
root@Eltex:/sys/kernel/systests# echo 7 > test
root@Eltex:/sys/kernel/systests# echo 3 > test
root@Eltex:/sys/kernel/systests# echo 1 > test
root@Eltex:/sys/kernel/systests# ./sys.c -/-module_5/lab_38
root@Eltex:/home/Lambueladatlabuda/module_5/lab_38
```



```
root@Eltex:/sys/kernel/systests# cat test
5
root@Eltex:/sys/kernel/systests# echo 7 > test
root@Eltex:/sys/kernel/systests# echo 3 > test
root@Eltex:/sys/kernel/systests# echo 1 > test
root@Eltex:/sys/kernel/systests# ./sys.c -/-module_5/lab_38
root@Eltex:/home/Lambueladatlabuda/module_5/lab_38
```



```
root@Eltex:/sys/kernel/systests# cat test
5
root@Eltex:/sys/kernel/systests# echo 7 > test
root@Eltex:/sys/kernel/systests# echo 3 > test
root@Eltex:/sys/kernel/systests# echo 1 > test
root@Eltex:/sys/kernel/systests# ./sys.c -/-module_5/lab_38
root@Eltex:/home/Lambueladatlabuda/module_5/lab_38
```

