

Модули ядра задание 1

```
[17:42:29] ~/develop/kernel/test_module
> cat test_module.c
#include <linux/module.h>
#include <linux/printk.h> /* pr_info() */

int init_module(void) {
    pr_info("=====/ test module: Init /=====\n");
    return 0;
}

void cleanup_module(void) {
    pr_info("=====/ test module: CleanUp /=====\n");
}

MODULE_LICENSE("GPL");
[17:42:56] ~/develop/kernel/test_module
> cat Makefile
obj-m += test_module.o

all:
    make -C /lib/modules/6.1.0-32-686-pae/build M=$(PWD) modules

clean:
    make -C /lib/modules/6.1.0-32-686-pae/build M=$(PWD) clean
```

```
[17:46:20] ~/develop/kernel/test_module
> sudo insmod test_module.ko
[17:46:24] ~/develop/kernel/test_module
> sudo rmmod test module
```

```
[ 775.292547] wlp2s0: authenticate with e8:28:c1:df:71:5b
[ 775.296123] wlp2s0: send auth to e8:28:c1:df:71:5b (try 1/3)
[ 775.299016] wlp2s0: authenticated
[ 775.299793] wlp2s0: associate with e8:28:c1:df:71:5b (try 1/3)
[ 775.304415] wlp2s0: RX AssocResp from e8:28:c1:df:71:5b (capab=0x431 status=0 aid=3)
[ 775.312818] wlp2s0: associated
[ 775.364473] IPv6: ADDRCONF(NETDEV_CHANGE): wlp2s0: link becomes ready
[ 816.328979] =====/ test module: Init /=====
[ 827.162165] =====/ test module: CleanUp /=====
```