

```
mkdir /usr/src/linux-3.17.7/hello
cd /usr/src/linux-3.17.7/hello
```

```
// File: /usr/src/linux-3.17.7/hello/hello.c
```

```
#include <linux/kernel.h>
#include <linux/syscalls.h>
```

```
asmlinkage long sys_hello(void) {
    printk(KERN_INFO "Hello, world\n");
    return 0;
}
```

```
obj-y := hello.o
core-y += kernel/ mm/ fs/ ipc/ security/ crypto/ block/ hello/
gedit syscall_32.tbl
```

```
354 64 hello sys_hello
asmlinkage long sys_hello(void);
```

```
cd /usr/src/linux-3.17.7/
sudo make menuconfig
sudo make -j$(nproc)
sudo make modules_install install
```

```
#include <stdio.h>
#include <linux/kernel.h>
#include <sys/syscall.h>
#include <unistd.h>
```

```
int main() {
    long int mycall = syscall(354);
    printf("System call sys_hello returned %ld\n", mycall);
    return 0;
}
```