

## Marcin Sawczuk 303163, zajęcie 6

```
marcin@Inspiron-5570: ~/Pulpit/PMiM/Lab 7
Plik  Edycja  Widok  Wyszukiwanie  Terminal  Pomoc
marcin@Inspiron-5570:~/Pulpit/PMiM/Lab 7$ as -o lab_6.o lab_6.s
marcin@Inspiron-5570:~/Pulpit/PMiM/Lab 7$ ld -o lab_6 lab_6.o
marcin@Inspiron-5570:~/Pulpit/PMiM/Lab 7$ ./lab_6
-----
String: QWERTYasdrg12345!@#%$ Laboratory is it rok
Before:
QWERTYasdrg12345!@#%$
After:
lab_6.o lab_6.s
qwertyASDFG####!@#%$ ab_6 lab_6.o
marcin@Inspiron-5570:~/Pulpit/PMiM/Lab 7$

-----

.equ read_64, 0x00 # read data from file function
.equ write_64, 0x01 # write data to file function
.equ exit_64, 0x3C # exit program function

.equ tooval, -1
.equ errval, -2
.equ stdin, 0
.equ stdout, 1
.equ stderr, 2

.data
buffer: # buffer for file data
.space 1024, 0
bufsize: # size of buffer
.quad ( . - buffer )
r_read: # size of read data
.quad 0
errmsg: # file error message
.asciz "File error!\n"
errlen:
.quad ( . - errmsg )
toomsg: # file too big error message
.asciz "File too big!\n"
toolen:
.quad ( . - toomsg )
promptmsg:
.asciz "String: "
```