

int  
Midnight Commander.  
mov

Midnight Commander ( . [-@fig:001]).

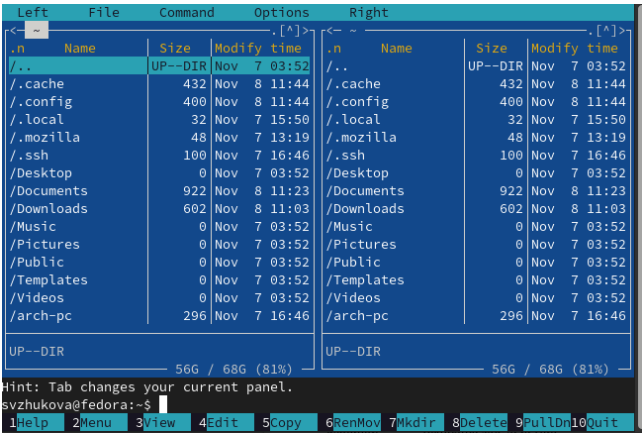


Figure 1: mc

↑, ↓ Enter ~/work/arch-pc  
№4 ( . [-@fig:002]).

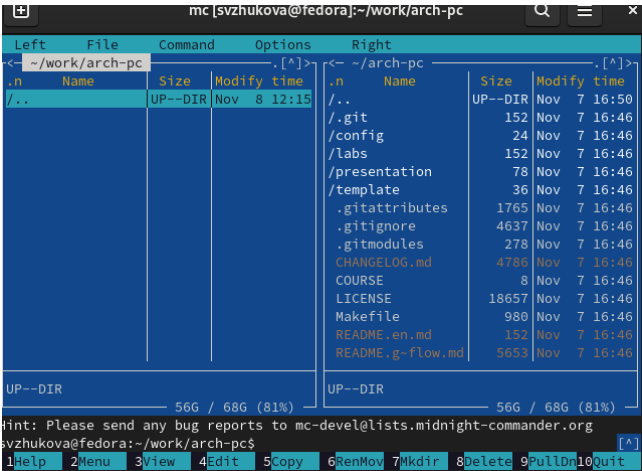


Figure 2:

F7 lab05 ( . [-@fig:003]).

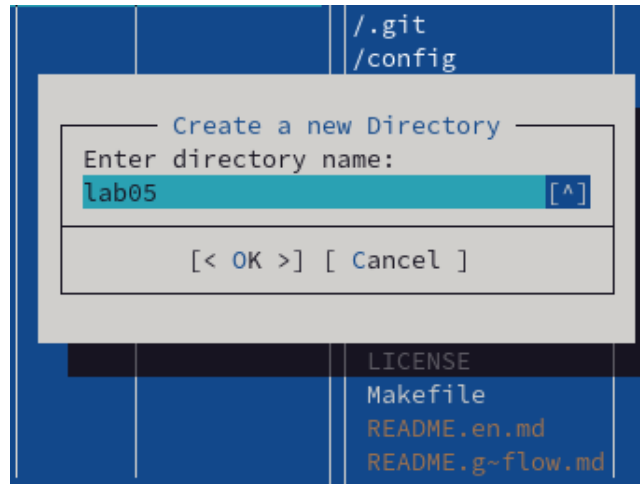


Figure 3:

```
( . [-@fig:004]).

touch lab5-1.asm ( . [-@fig:005]).

F4 lab5-1.asm
, ( . [-@fig:006]).

F3 lab5-1.asm . ,
. ( . [-@fig:007]).

lab5-1.asm .
. ( . [-@fig:008]).

( . [-@fig:009]).

( . [-@fig:010]).

F6 lab5-1.asm lab5-2.asm.
F6 ( . [-@fig:011]).

( . [-@fig:012]).
```



```
mc [svzhukova@fedora]:~/work/arch-pc/lab05
home/svzhukova/work/arch-pc/lab05/lab05.asm 290/290 100%
SECTION .data
msg: DB 'Введите строку:',10
msgLen: EQU $-msg
SECTION .bss
buf1: RESB 80
SECTION .text
GLOBAL _start
_start:
mov eax,4
mov ebx,1
mov ecx,msg
mov edx,msgLen
int 80h
mov eax,3
mov ebx,0
mov ecx,buf1
mov edx,80
int 80h
mov eax,1
mov ebx,0
int 80h
```

Figure 7:

```
svzhukova@fedora:~/work/arch-pc/lab05$ nasm -f elf lab5-1.asm
svzhukova@fedora:~/work/arch-pc/lab05$ ld -m elf_i386 -o lab5-1 lab5-1.o
svzhukova@fedora:~/work/arch-pc/lab05$ ./lab5-1
Введите строку
Жукова София Викторовна
svzhukova@fedora:~/work/arch-pc/lab05$
```

Figure 8: ,

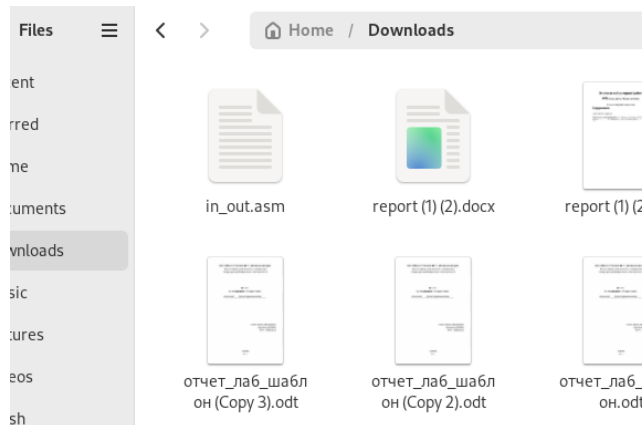


Figure 9:

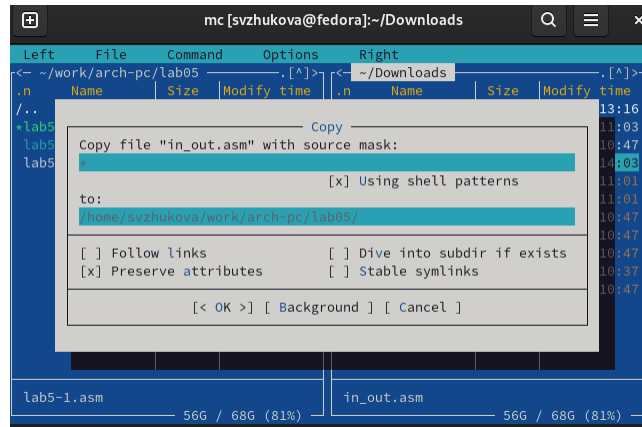


Figure 10:

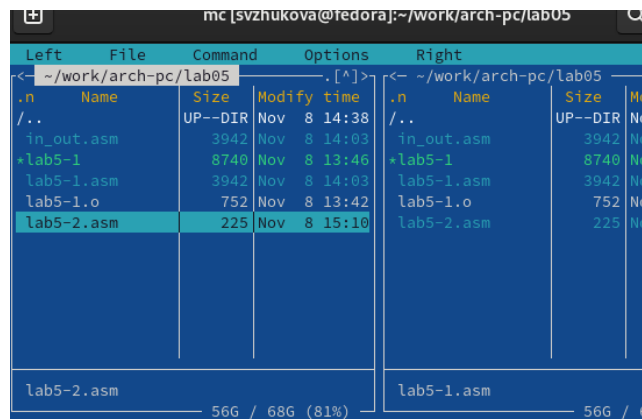


Figure 11:

```

mc [svzhukova@fedora]~/work/arch-pc/lab05
lab5-2.asm [-M--] 10 L:[ 1+13 14/ 14] *(225 / 225b) <EOF>
#include 'in_out.asm'
SECTION .data
msg: DB 'Введите строку: ',0h
SECTION .bss
buf1: RESB 80
SECTION .text
GLOBAL _start
_start:
mov eax, msg
call sprintLF
mov ecx, buf1
mov edx, 80
call sread
call quit

```

( . [-@fig:013]).

```

svzhukova@fedora:~/work/arch-pc/lab05$ nasm -f elf lab5-2.asm
svzhukova@fedora:~/work/arch-pc/lab05$ ld -m elf_i386 -o lab5-2 lab5-2.o
svzhukova@fedora:~/work/arch-pc/lab05$ ./lab5-2
Введите строку:
Жукова София Викторовна
svzhukova@fedora:~/work/arch-pc/lab05$

```

Figure 12: ,

sprintLF sprint ( . [-@fig:014]).

```

GNU nano 7.2 /home/svzhukova/work/arch-pc/lab05/lab5-2.asm
#include 'in_out.asm'
SECTION .data
msg: DB 'Введите строку: ',0h
SECTION .bss
buf1: RESB 80
SECTION .text
GLOBAL _start
_start:
mov eax, msg
call sprint
mov ecx, buf1
mov edx, 80
call sread
call quit

```

Figure 13:

( . [-@fig:015]).

, sprint , sprintLF .

```
svzhukova@fedora:~/work/arch-pc/lab05$ nasm -f elf lab5-2.asm
svzhukova@fedora:~/work/arch-pc/lab05$ ld -m elf_i386 -o lab5-2 lab5-2.o
svzhukova@fedora:~/work/arch-pc/lab05$ ./lab5-2
Введите строку: Жукова София Виктровна
svzhukova@fedora:~/work/arch-pc/lab05$
```

Figure 14: ,

lab5-1.asm. ( . [-@fig:016]).

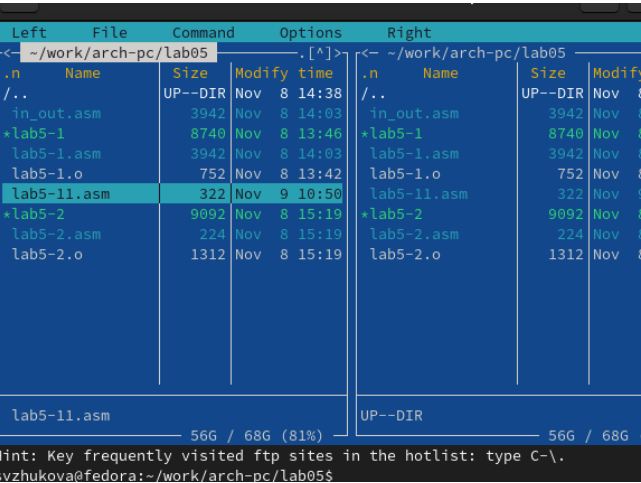


Figure 15: lab5-1.asm

( in\_out.asm),  
 . ( . [-@fig:017]).  
 .  
 lab5-2.asm.  
 in\_out.asm, ( . [-@fig:019]).

```

lab5-11.asm      [----]  0 L: [ 1+ 0  1/ 29] *(0  / 350b) 0083 0x053 [
SECTION .data
msg: DB 'Введите строку',10
msgLen: EQU $-msg
SECTION .bss
buf1: RESB 80
SECTION .text
GLOBAL _start
_start:
mov eax,4
mov ebx,1
mov ecx,msg
mov edx,msgLen
int 80h

mov eax, 3
mov ebx, 0
mov ecx, buf1
mov edx, 80
int 80h

mov eax,4
mov ebx,1
mov ecx,buf1
mov edx,80
int 80h

mov eax,1
mov ebx,0
int 80h

```

Figure 16:

```

svzhukova@fedora:~/work/arch-pc/lab05$ nasm -f elf lab5-11.asm
svzhukova@fedora:~/work/arch-pc/lab05$ ld -m elf_i386 -o lab5-11 lab5-11.o
svzhukova@fedora:~/work/arch-pc/lab05$ ./lab5-11
Введите строку
Кукова София Виктровна
Кукова София Виктровна
svzhukova@fedora:~/work/arch-pc/lab05$

```

Figure 17:



