–

№5

:

: -02-23

1

1.
2.
3.
4.

2

Midnight Commander. mov

int.

3
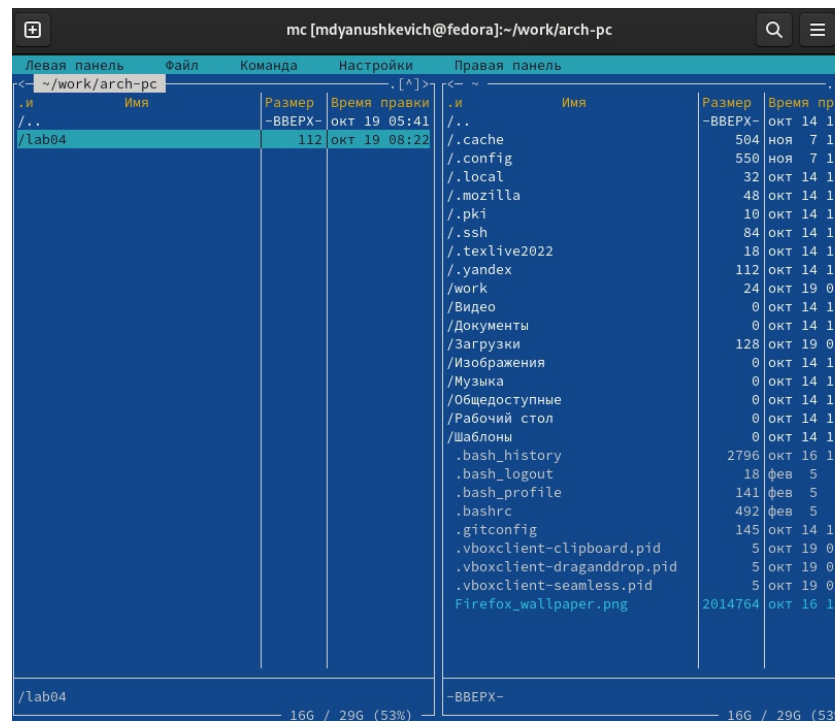
1. Midnight Commander(.1).
" " Midnight Commander

2. ... arch-pc ... lab05(.2).
   ... arch-pc, ... f7
   lab05 ... .

3. ... lab5-1.asm(.3). ...
   , ... touch, ... lab5-1.asm

```
/home/mdyanushkevich/work/arch-pc/lab05/lab5-1.asm
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
```

4.   lab5-1.asm   (.4).
          f4   lab5-1.asm   mcedit
    5.1.

```
[mdyanushkevich@fedora lab05]$ nasm -f elf l
[mdyanushkevich@fedora lab05]$ ld -m elf_i38
[mdyanushkevich@fedora lab05]$ ./lab5-1
Введите строку:
Янушкевич Михаил Денисович
[mdyanushkevich@fedora lab05]$
```

5.   (.5).
                        ,
          .   ,   .
          lab5-1.asm

6.   in_out.asm.   in_out.asm   ,

3

.(.6).

in_out.asm   ,
.
,   lab5-1.asm   f7.

7.   lab5-1.asm   lab5-2.asm(.7).
f6   lab5-1.asm   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 sprintLF

        mov ecx, buf1
        mov edx, 80
        call sread
        call quit
```

8.   in_out.asm.(.8,9).

```
[mdyanushkevich@fedora lab05]$ nasm -f elf lab5-2.asm
[mdyanushkevich@fedora lab05]$ ld -m elf_i386 -o lab5-2 lab5-2.o
[mdyanushkevich@fedora lab05]$ ./lab5-2
Введите строку:
Янушкевич Михаил Денисович
```

                5.2   lab5-2.asm
in_out.asm.   ,   .

```
mov eax, msg
call sprint
```

9.   lab5-2.asm   sprintLF   sprint.(.10,11).

```
[mdyanushkevich@fedora lab05]$ nasm -f elf lab5-2.asm
[mdyanushkevich@fedora lab05]$ ld -m elf_i386 -o lab5-2 lab5-2.o
[mdyanushkevich@fedora lab05]$ ./lab5-2
Введите строку: Янушкевич Михаил Денисович
```

                      ,   sprintLF   sprint.   ,
          ,   .   ,   .

5

4

```asm
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 edx,1
    mov ecx,buf1
    mov edx,80
    int 80h

    mov eax,1
    mov ebx,0
    int 80h
```

1.   lab5-1.asm   .(.12).
              lab5-1.asm   lab5-3.asm.
    lab5-3.asm.

2. .(.13).
,   .   ,
.

3.   lab-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

         mov eax, buf1
         call sprint
         call quit
```

in_out.asm(.14).
        lab5-2.asm   lab5-4.asm.

lab5-4.asm in_out.asm.


```
[mdyanushkevich@fedora lab05]$ nasm -f elf lab5-4.asm
[mdyanushkevich@fedora lab05]$ ld -m elf_i386 -o lab5-4 lab
[mdyanushkevich@fedora lab05]$ ./lab5-4
Введите строку: Янушкевич Михаил Денисович
Янушкевич Михаил Денисович
[mdyanushkevich@fedora lab05]$
```

4.   .(.15).
                ,   .   ,
        .

5

Midnight Commander,
mov   int   .