

№ 10

vi

, ,

Linux.

vi,

.

1. , 1. vi. 2. vi. 3.

1. vi. 1. ~/work/os/lab06. 2.

. 3. vi hello.sh. 4. i . 5.

Esc . 6. :

. 7. w () q (),

Enter . 8.

```

2.                               1.      vi                (vi
~/work/os/lab06/hello.sh) 2.      HELL                . 3.
      HELLO.      Esc                . 4.
      LOCAL. 5.                : local,      Esc
      . 6.                .                ,                : echo
$HELLO. 7.      Esc                . 8.                . 9.
      u                . 10.      :                .
      vi.

```

Linux

vi (Visual display editor). vi : - —

 ; - —

 ; - () —

. vi vi : vi

Esc . vi : ,
 Shift-; (: —), : - wq,
 ; - q (q!), .

1. . 2. vi. (.
 (fig:001?; fig:002?)) 3. , vi.

```
mabaptishta@fedora:/home/mabaptishta — /usr/libexec/vi text.txt
E325: ATTENTION
Found a swap file by the name ".text.txt.swap"
  owned by: mabaptishta   dated: C6 anp 13 22:13:51 2024
  file name: -mabaptishta/text.txt
  modified: YES
  user name: mabaptishta  host name: fedora
  process ID: 3073 (STILL RUNNING)
While opening file "text.txt"
  CANNOT BE FOUND
(1) Another program may be editing the same file.  If this is the case,
    be careful not to end up with two different instances of the same
    file, because any changes you make could be lost.
```

```
mabaptishtha@fedora:/home/mabaptishtha — /usr/libexec/vi text.txt
: w — записать изменённый текст в файл, не выходя из vi;
- : w имя-файла — записать изменённый текст в новый файл с именем имя-файла;
- : w ! имя-файла — записать изменённый текст в файл с именем имя-файла;
- : w q — записать изменения в файл и выйти из vi;
- : q — выйти из редактора vi;
- : q ! — выйти из редактора без записи
```


1.

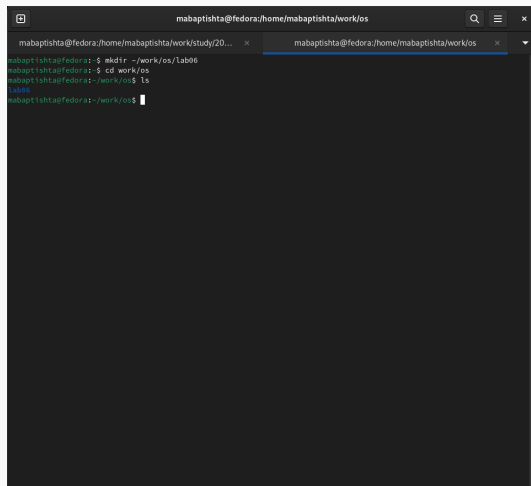
vi. 1.

~/work/os/lab06. 2.

. 3.

vi

hello.sh. (. (fig:003?; fig:004?))



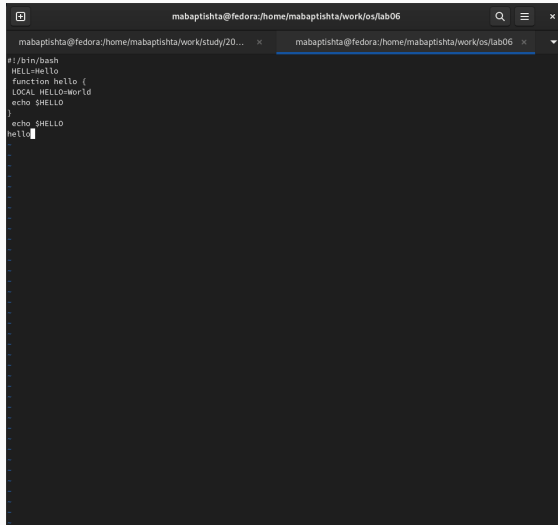
```
mabaptishta@fedora:/home/mabaptishta/work/os
mabaptishta@fedora:/home/mabaptishta/work/os
mabaptishta@fedora:~$ mkdir ~/work/os/lab06
mabaptishta@fedora:~$ cd work/os
mabaptishta@fedora:~/work/os$ ls
lab06
mabaptishta@fedora:~/work/os$
```

```
mabaptishta@fedora:/home/mabaptishta/work/os/lab06
mabaptishta@fedora:/home/mab... x mabaptishta@fedora:/home/maba... x mabaptishta@fedora:/home/maba... x
mabaptishta@fedora:~$ cd work/os/lab06
mabaptishta@fedora:~/work/os/lab06$ ls
mabaptishta@fedora:~/work/os/lab06$ vi hello.sh
mabaptishta@fedora:~/work/os/lab06$ chmod +x hello.sh
chmod: неверный режим: «+x»
По команде «chmod --help» можно получить дополнительную информацию.
mabaptishta@fedora:~/work/os/lab06$ chmod +x hello.sh
mabaptishta@fedora:~/work/os/lab06$
```

4.

i

. (. (fig:005?))

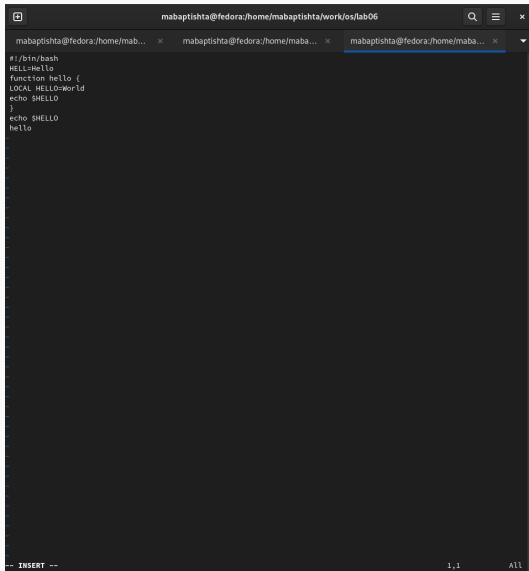


A terminal window with a dark background and light text. The window title is "mabaptishta@fedora:/home/mabaptishta/work/os/lab06". The terminal shows a bash script being executed. The script defines a function named "hello" that prints "HELLO" and then calls the function. The output of the script is "HELLO".

```
mabaptishta@fedora:/home/mabaptishta/work/os/lab06
#!/bin/bash
HELL=Hello
function hello {
    LOCAL HELLO=World
    echo $HELLO
}
echo $HELLO
hello
```

5. Esc .

7. $w(\quad) \leq q(\quad)$, Enter .
 (. (**fig:006?**))



A terminal window titled "mabaptishta@fedora:/home/mabaptishta/work/os/lab06" with three tabs. The active tab shows a bash script. The script defines a function "hello" that prints "HELLO=World" and "\$HELLO", then calls "hello". Below the function, there is a loop of 10 iterations, each printing "hello".

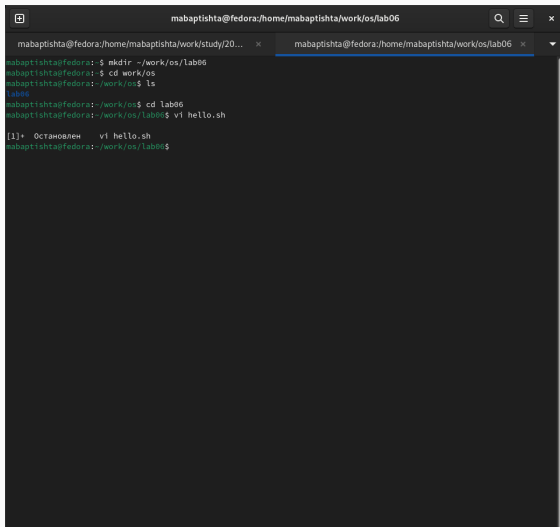
```
mabaptishta@fedora:/home/mab... x mabaptishta@fedora:/home/maba... x mabaptishta@fedora:/home/maba... x
#!/bin/bash
HELL=Hello
function hello {
  LOCAL HELLO=World
  echo $HELLO
}
echo $HELLO
hello

hello
hello
hello
hello
hello
hello
hello
hello
hello
hello
```

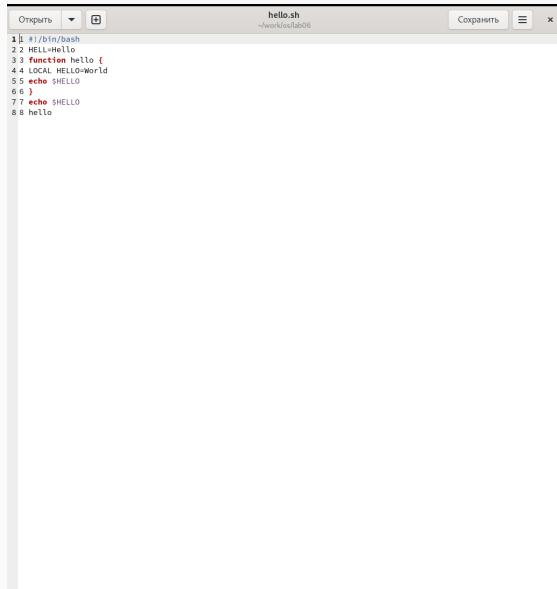
-- INSERT -- 1,1 All

8.

(. (fig:007?; fig:008?))



```
mabaptishta@fedora:/home/mabaptishta/work/os/lab06
mabaptishta@fedora:/home/mabaptishta/work/os/lab06
mabaptishta@fedora:~$ mkdir -p /work/os/lab06
mabaptishta@fedora:~$ cd /work/os
mabaptishta@fedora:~/work/os$ ls
lab06
mabaptishta@fedora:~/work/os$ cd lab06
mabaptishta@fedora:~/work/os/lab06$ vi hello.sh
[1]+  Остановлен vi hello.sh
mabaptishta@fedora:~/work/os/lab06$
```

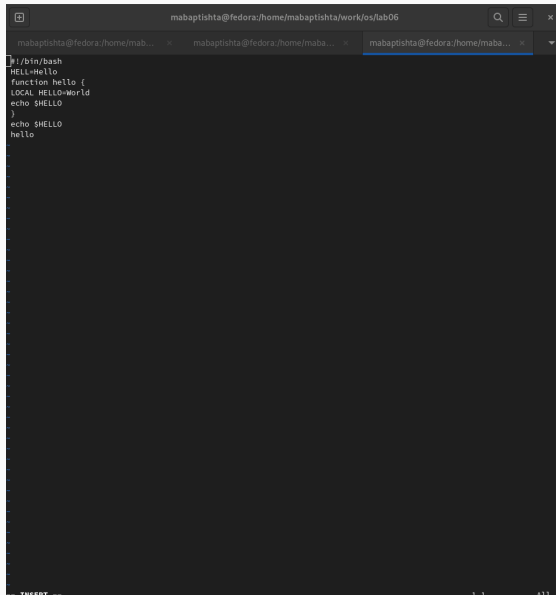


The image shows a code editor window with a title bar that includes the filename 'hello.sh' and the path '~\work\os\lab06'. The editor contains a shell script with the following lines:

```
1 | #!/bin/bash
2 | HELL=Hello
3 | function hello {
4 |     LOCAL HELLO=World
5 |     echo $HELLO
6 | }
7 | echo $HELL0
8 | hello
```

The script defines a function named 'hello' that prints 'World' and then prints the value of 'HELL0' (which is 'Hello') and finally prints 'hello'.

2. 1. vi (vi
 ~/work/os/lab06/hello.sh) 2. HELL . 3.
 HELLO. Esc . (. (fig:009?))



A terminal window with a dark background and light text. The title bar shows the user 'mabaptishta' and the directory path '/home/mabaptishta/work/os/lab06'. There are three tabs open, with the current tab showing the same path. The terminal content shows a bash prompt followed by a script that defines a function 'hello' and then calls it. The function sets 'HELL' to 'Hello', defines 'LOCAL HELLO' as 'World', and echoes '\$HELLO'. The output of the script is 'hello'.

```
mabaptishta@fedora:/home/mabaptishta/work/os/lab06
#!/bin/bash
HELL=Hello
function hello {
LOCAL HELLO=World
echo $HELLO
}
echo $HELLO
hello
```

4.

LOCAL.

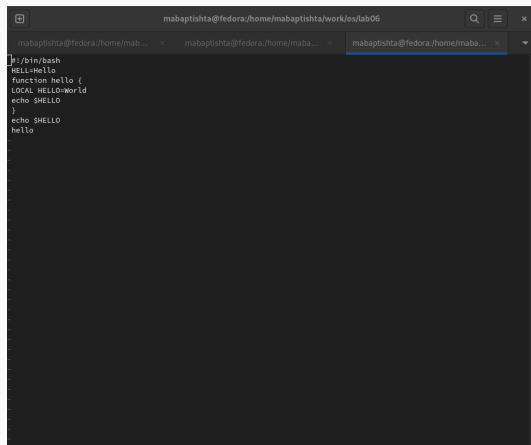
5.

: local,

Esc

. (.

(fig:010?))



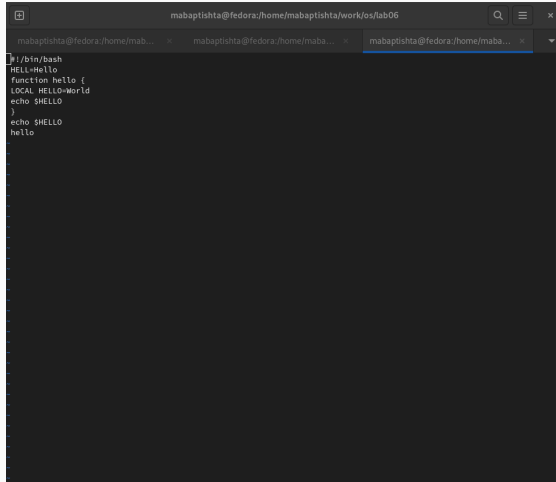
A terminal window with a dark background and light text. The window title is 'mabaptishta@fedora:/home/mabaptishta/work/os/lab06'. The terminal shows a bash prompt, followed by the execution of a script. The script defines a function 'hello' that sets 'LOCAL HELLO=World' and 'echo \$HELLO'. The function is then called, and the output 'World' is displayed. The terminal also shows a search bar and a menu icon in the top right corner.

```
mabaptishta@fedora:/home/mabaptishta/work/os/lab06
#!/bin/bash
HELL=Hello
function hello {
  LOCAL HELLO=World
  echo $HELLO
}
echo $HELLO
hello
World
```

6.

(. (fig:011?))

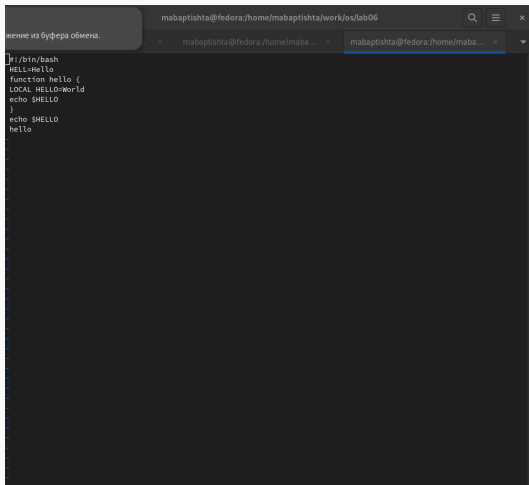
: echo \$HELLO.



```
mabaptishta@fedora:/home/mabaptishta/work/os/lab06
mabaptishta@fedora:/home/mab... x mabaptishta@fedora:/home/maba... x mabaptishta@fedora:/home/maba... x
❯ !./bin/bash
HELL=Hello
function hello {
  LOCAL HELLO=World
  echo $HELLO
}
echo $HELLO
hello
```

7. Esc

8. . (. (fig:012?))



A terminal window with a dark background. The title bar shows the user 'mabaptishta' and the directory 'fedora:/home/mabaptishta/work/os/lab06'. The terminal contains the following text:

```
меня из буфера обмена.  
$ ./bin/bash  
HELL=Hello  
function hello {  
  LOCAL HELLO=world  
  echo $HELLO  
}  
echo $HELLO  
hello
```

9.

u

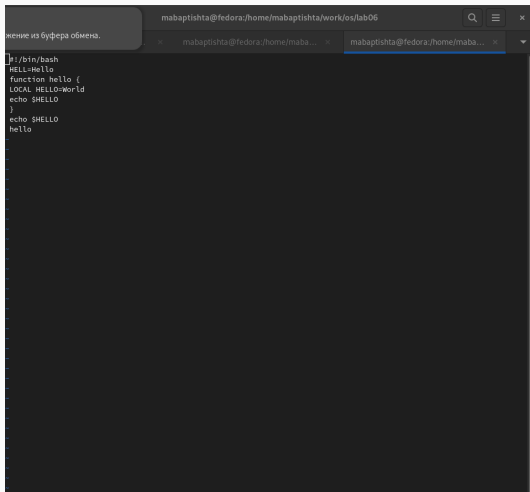
. (. (fig:013?))

10.

:

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vi.



A terminal window with a dark background. The title bar shows the user 'mabaptishta' and the directory 'fedora/home/mabaptishta/work/os/lab06'. The terminal content shows a bash prompt, the execution of a script, and the output of a function call. The script defines a function 'hello' that prints 'World' and then calls it, printing 'World'.

```
mabaptishta@fedora/home/mabaptishta/work/os/lab06
#!/bin/bash
HELL=Hello
function hello {
  LOCAL HELLO=World
  echo $HELLO
}
echo $HELLO
hello
```

vi,

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Linux.

1. № 10. vi []. URL: <https://esystem.rudn.ru/>.

