

-

№ 10

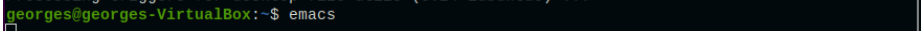
:

: : -02-20

2021 .

:

Linux, Emacs. # :

1. emacs. 
- (1) 2. lab07.sh Ctrl-x Ctrl-f (C-x C-f).

```

emacs@georges-VirtualBox
File Edit Options Buffers Tools Help
[Icons: New, Open, Save, Undo, Cut, Copy, Paste, Find]

Welcome to GNU Emacs, one component of the GNU/Linux operating system.
To follow a link, click Mouse-1 on it, or move to it and type RET.
To quit a partially entered command, type Control-g.

Important Help menu items:
Emacs Tutorial      Learn basic Emacs keystroke commands
Read the Emacs Manual  View the Emacs manual using Info
\(Non\)Warranty      GNU Emacs comes with ABSOLUTELY NO WARRANTY
Copying Conditions  Conditions for redistributing and changing Emacs
More Manuals / Ordering Manuals  How to order printed manuals from the FSF

Useful tasks:
Visit New File      Specify a new file's name, to edit the file
Open Home Directory  Open your home directory, to operate on its files
Customize Startup   Change initialization settings including this screen

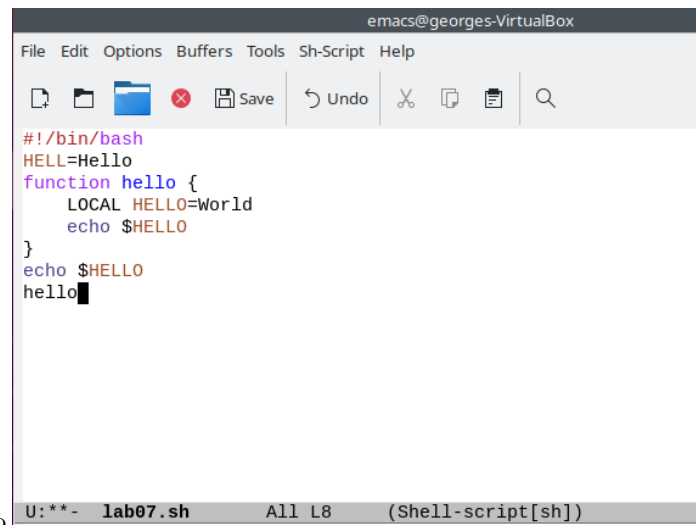
GNU Emacs 26.3 (build 2, x86_64-pc-linux-gnu, GTK+ Version 3.24.14)
of 2020-03-26, modified by Debian
Copyright (C) 2019 Free Software Foundation, Inc.

U:%%-  *GNU Emacs*  All L1  (Fundamental)
For information about GNU Emacs and the GNU system, type C-h C-a.

```

```
(      2) 3.          : #!/bin/bash HELL=Hello function hello { LOCAL
```

HELLO=World echo \$HELLO } echo HELLO hello

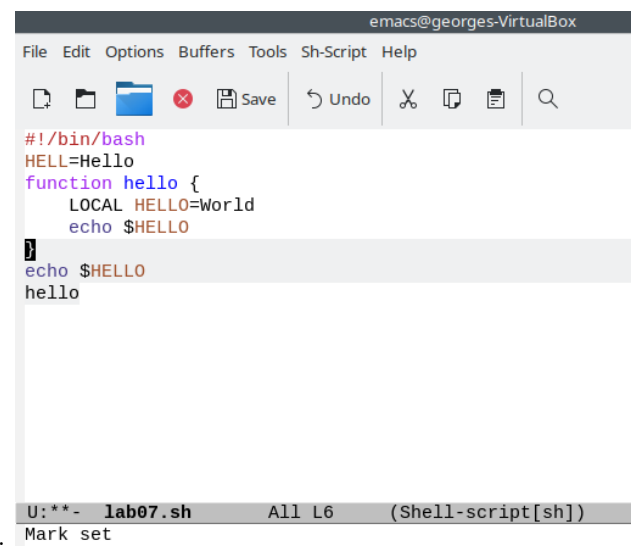


```
emacs@georges-VirtualBox
File Edit Options Buffers Tools Sh-Script Help
[Icons] Save Undo [Icons]
#!/bin/bash
HELL=Hello
function hello {
    LOCAL HELLO=World
    echo $HELLO
}
echo $HELLO
hello
```

U: *- lab07.sh All L8 (Shell-script[sh])

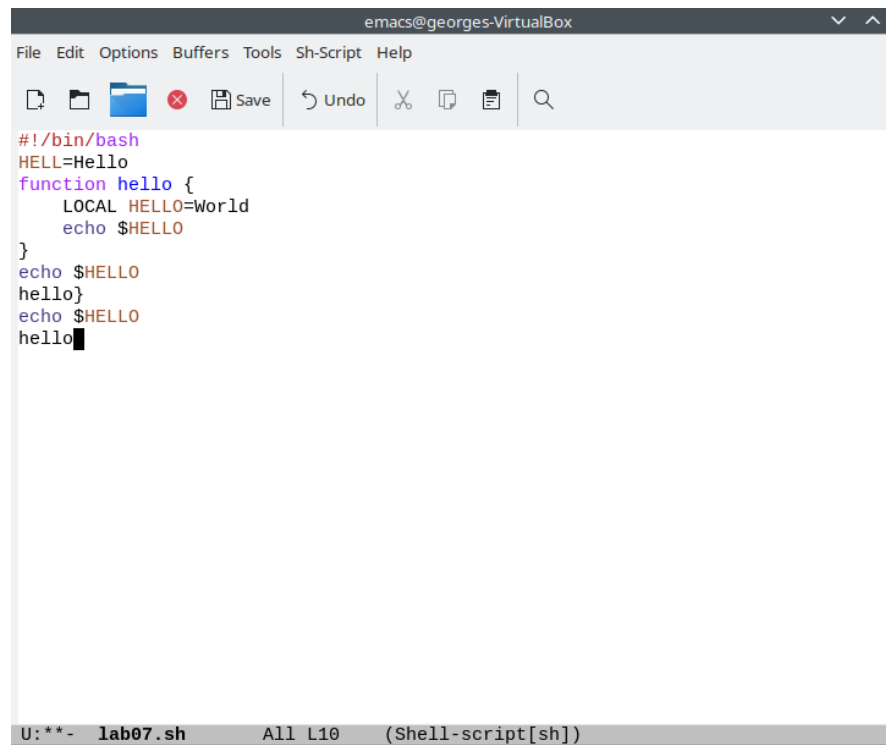
- (3) 4.
- (4) 5.

Ctrl-x Ctrl-s (C-x C-s).



```
emacs@georges-VirtualBox
File Edit Options Buffers Tools Sh-Script Help
[Icons] Save Undo [Icons]
#!/bin/bash
HELL=Hello
function hello {
    LOCAL HELLO=World
    echo $HELLO
}
echo $HELLO
hello
```

U: *- lab07.sh All L6 (Shell-script[sh])
Mark set



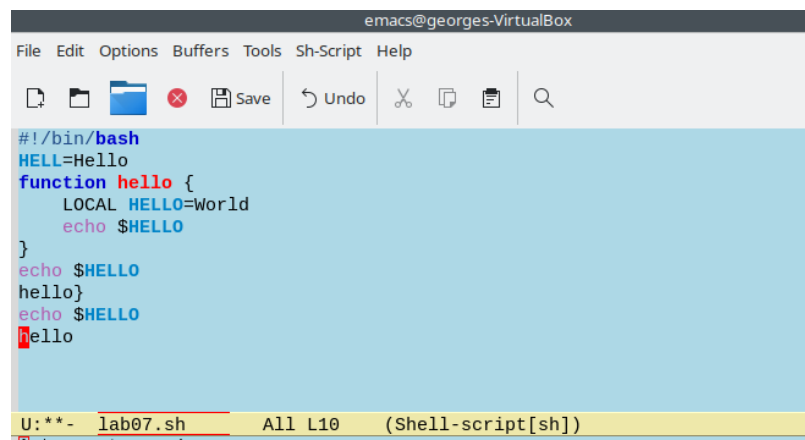
The screenshot shows the Emacs editor window titled "emacs@georges-VirtualBox". The menu bar includes "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". The toolbar contains icons for file operations and editing. The text area contains a shell script:

```
#!/bin/bash
HELL=Hello
function hello {
    LOCAL HELLO=World
    echo $HELLO
}
echo $HELLO
hello}
echo $HELLO
hello
```

The status bar at the bottom shows "U:** - lab07.sh All L10 (Shell-script[sh])".

5. 1.

(-k). Beginning of buffer



This screenshot is similar to the first one, showing the same Emacs editor window and shell script. The background of the text area is light blue. The status bar at the bottom shows "U:** - lab07.sh All L10 (Shell-script[sh])".

(5) 5. 2.

(C-y). U:** - lab07.sh All L10 (Shell-script[sh])

```
emacs@georges-VirtualBox
File Edit Options Buffers Tools Sh-Script Help
[Icons: New, Open, Save, Undo, Cut, Copy, Paste, Find]

#!/bin/bash
HELL=Hello
function hello {
    LOCAL HELLO=World
    echo $HELLO
}
echo $HELLO
hello

U:** - lab07.sh All L6 (Shell-script[sh])
Mark set
```

(6) 5. 3. (C-space).
(7) 5. 4. (M-w). 5. 5.

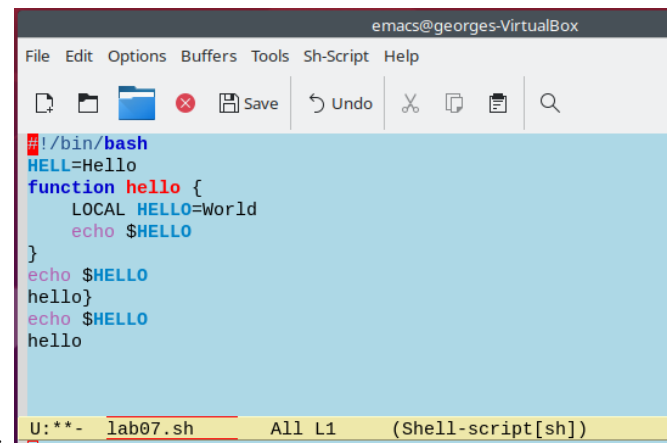
```
emacs@georges-VirtualBox
File Edit Options Buffers Tools Sh-Script Help
[Icons: New, Open, Save, Undo, Cut, Copy, Paste, Find]

#!/bin/bash
HELL=Hello
function hello {
    LOCAL HELLO=World
    echo $HELLO
}
echo $HELLO
hello}
echo $HELLO
hello
```

U:** - lab07.sh All L10 (Shell-script[sh])
Beginning of buffer

(8) 5. 6.

(C-w).

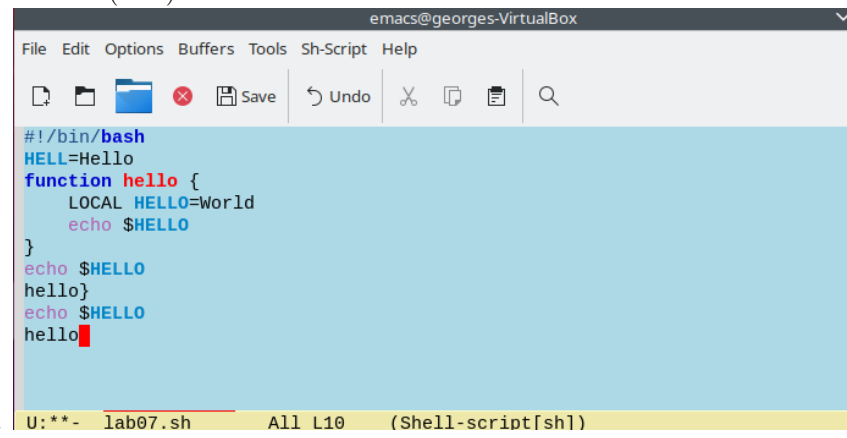


```
emacs@georges-VirtualBox
File Edit Options Buffers Tools Sh-Script Help
[Icons] Save Undo [Icons]
#!/bin/bash
HELL=Hello
function hello {
    LOCAL HELLO=World
    echo $HELLO
}
echo $HELLO
hello}
echo $HELLO
hello
```

U: *- lab07.sh All L1 (Shell-script[sh])

(9) 5. 7.

(C-/).



```
emacs@georges-VirtualBox
File Edit Options Buffers Tools Sh-Script Help
[Icons] Save Undo [Icons]
#!/bin/bash
HELL=Hello
function hello {
    LOCAL HELLO=World
    echo $HELLO
}
echo $HELLO
hello}
echo $HELLO
hello
```

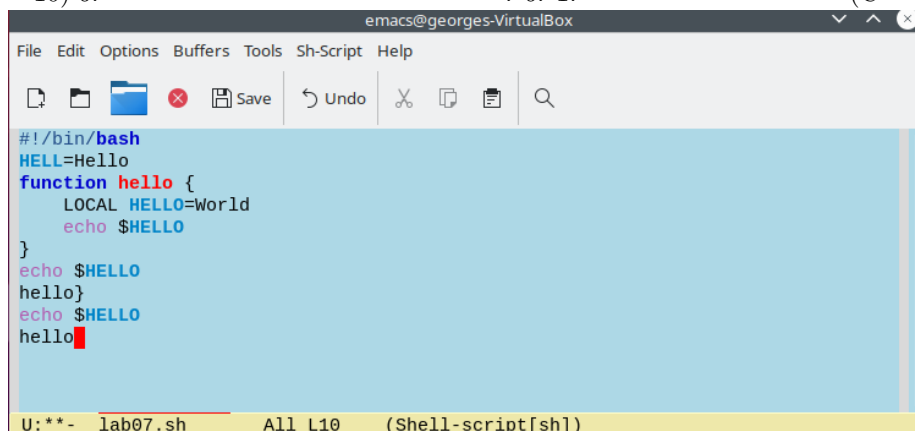
U: *- lab07.sh All L10 (Shell-script[sh])

(10) 6.

. 6. 1.

(C-

a).



```
emacs@georges-VirtualBox
File Edit Options Buffers Tools Sh-Script Help
[Icons] Save Undo [Icons]
#!/bin/bash
HELL=Hello
function hello {
    LOCAL HELLO=World
    echo $HELLO
}
echo $HELLO
hello}
echo $HELLO
hello
```

U: *- lab07.sh All L10 (Shell-script[sh])

(11) 6. 2.

(C-e).

```
emacs@georges-VirtualBox
File Edit Options Buffers Tools Sh-Script Help
[Icons] Save Undo [Icons] [Icons]
#!/bin/bash
HELL=Hello
function hello {
    LOCAL HELLO=World
    echo $HELLO
}
echo $HELLO
hello}
echo $HELLO
hello
```

U: *- lab07.sh All L10 (Shell-script[sh])

(12) 6. 3.

(M-<).

```
emacs@georges-VirtualBox
File Edit Options Buffers Tools Sh-Script Help
[Icons] Save Undo [Icons] [Icons]
#!/bin/bash
HELL=Hello
function hello {
    LOCAL HELLO=World
    echo $HELLO
}
echo $HELLO
hello}
echo $HELLO
hello
```

U: *- lab07.sh All L1 (Shell-script[sh])

(13) 6. 4.

(M->).

```
emacs@georges-VirtualBox
File Edit Options Buffers Tools Sh-Script Help
[Icons] Save Undo [Icons] [Icons]
#!/bin/bash
HELL=Hello
function hello {
    LOCAL HELLO=World
    echo $HELLO
}
echo $HELLO
hello}
echo $HELLO
hello
```

U: *- lab07.sh All L10 (Shell-script[sh])

(14) 7.

. 7. 1.

(C-x C-b).

The screenshot shows the Emacs editor interface. The main window displays a shell script with the following content:

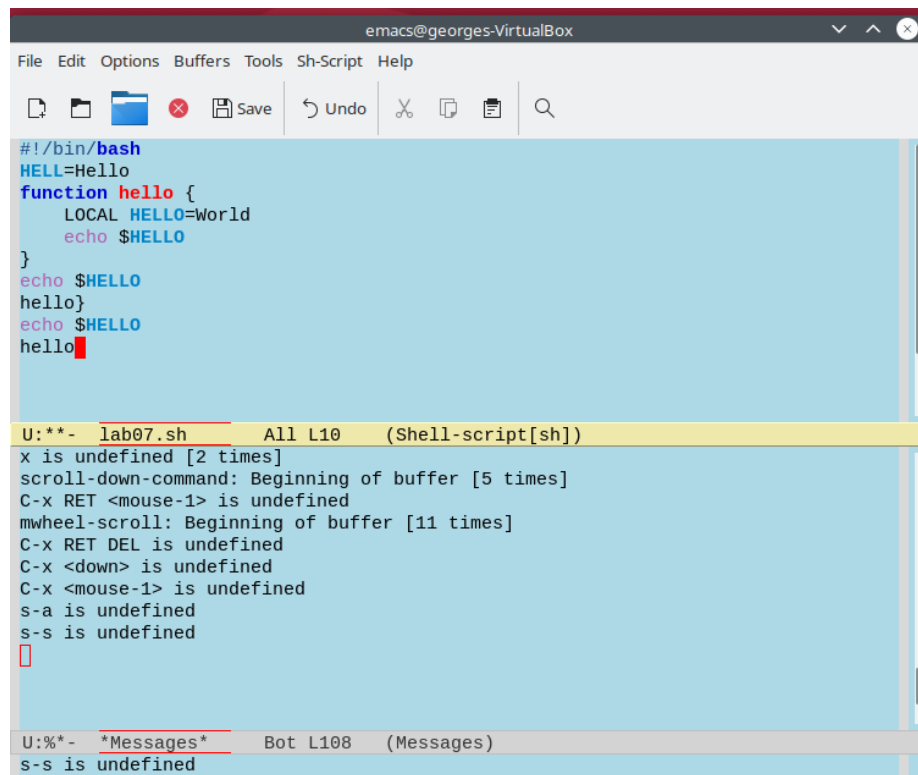
```
#!/bin/bash
HELL=Hello
function hello {
    LOCAL HELLO=World
    echo $HELLO
}
echo $HELLO
hello}
echo $HELLO
hello
```

Below the main window, the Buffer List window is open, showing a table of buffers:

CRM	Buffer	Size	Mode	File
.	* lab07.sh	125	Shell-script[sh]	~/lab07.sh
%	*Messages*	2541	Messages	
%	theme	0	Fundamental	~/theme
%	georges	4653	Dired by name	/home/georges/
%	*Colors*	21760	Help	
%	*GNU Emacs*	705	Fundamental	
%	*scratch*	145	Lisp Interaction	
%	*Faces*	8656	Help	

The Buffer List window title is "U:%%- *Buffer List* All L1 (Buffer Menu)".

(15) 7. 2. (C-x) o



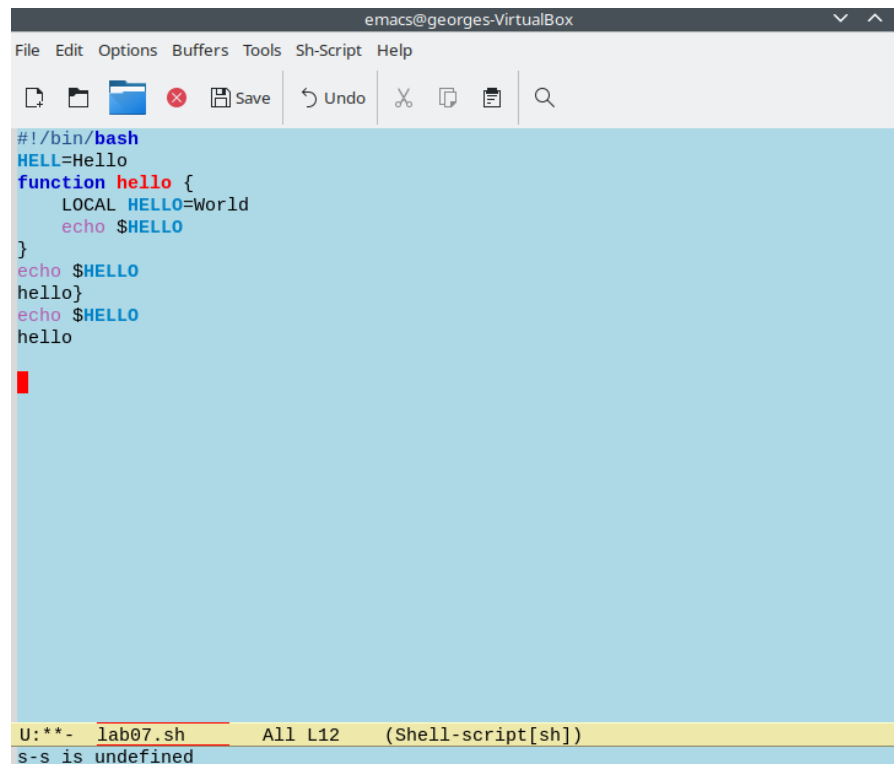
```
#!/bin/bash
HELL=Hello
function hello {
  LOCAL HELLO=World
  echo $HELLO
}
echo $HELLO
hello}
echo $HELLO
hello
```

U:%* - lab07.sh All L10 (Shell-script[sh])

x is undefined [2 times]
scroll-down-command: Beginning of buffer [5 times]
C-x RET <mouse-1> is undefined
mwheel-scroll: Beginning of buffer [11 times]
C-x RET DEL is undefined
C-x <down> is undefined
C-x <mouse-1> is undefined
s-a is undefined
s-s is undefined

U:%* - *Messages* Bot L108 (Messages)

s-s is undefined



```
#!/bin/bash
HELL=Hello
function hello {
  LOCAL HELLO=World
  echo $HELLO
}
echo $HELLO
hello}
echo $HELLO
hello
```

U: *- lab07.sh All L12 (Shell-script[sh])
s-s is undefined

(16) 7. 3.
(17) 7. 4.

(C-x 0).

,

(C-x b).

```

#!/bin/bash
HELL=Hello
function hello {
    LOCAL HELLO=World
    echo $HELLO
}
echo $HELLO
hello}
echo $HELLO
hello

```

U:**- lab07.sh All L12 (Shell-script[sh])
Switch to buffer (default lab07.sh):

(18) 8. . 8. 1. 4 : (C-x 3), (C-x 2).

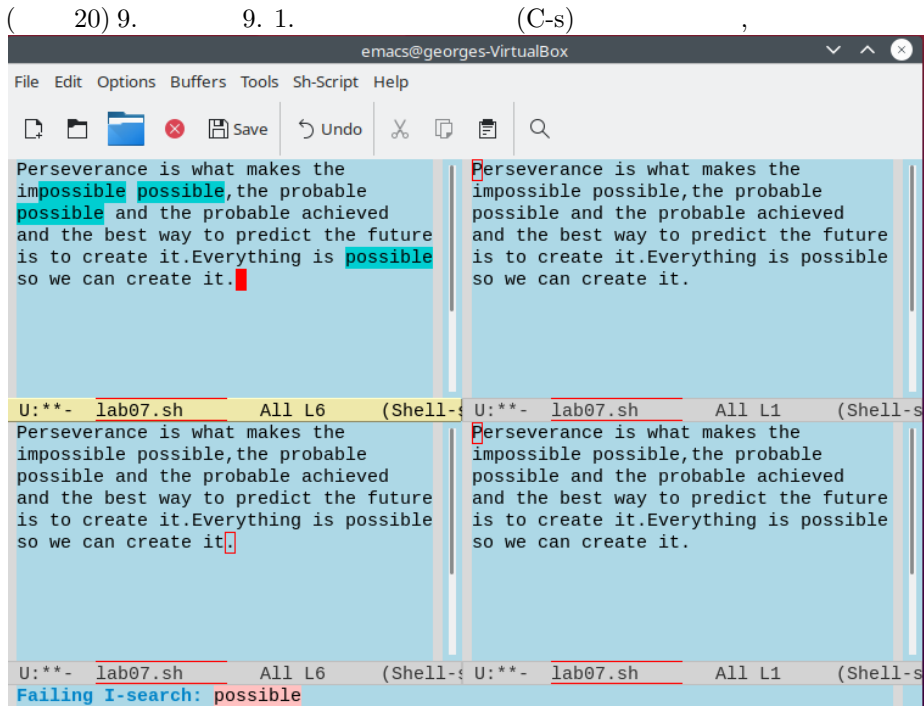
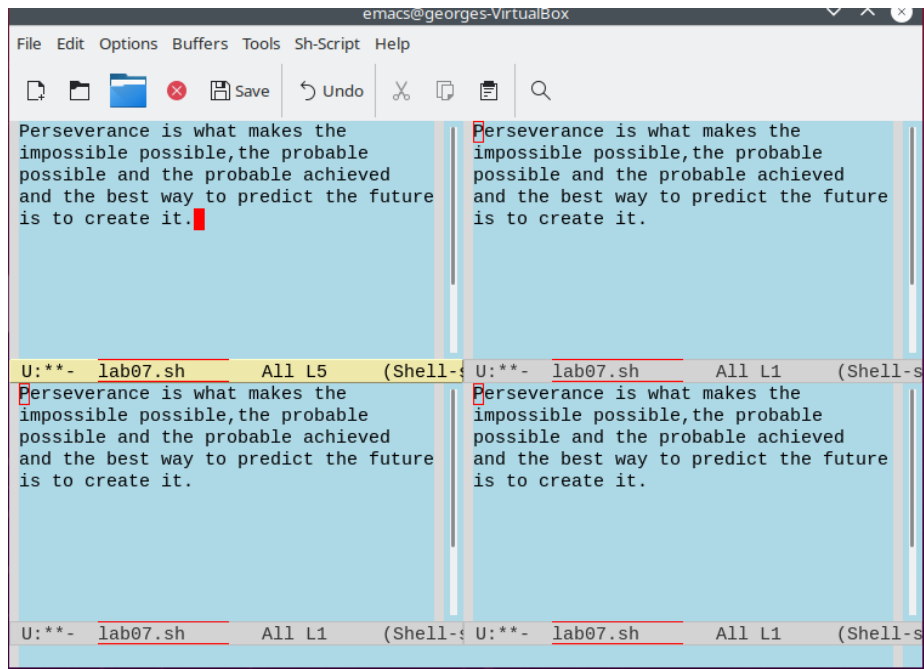
```

#!/bin/bash
HELL=Hello
function hello {
    LOCAL HELLO=World
    echo $HELLO
}
echo $HELLO
hello}
echo $HELLO
hello

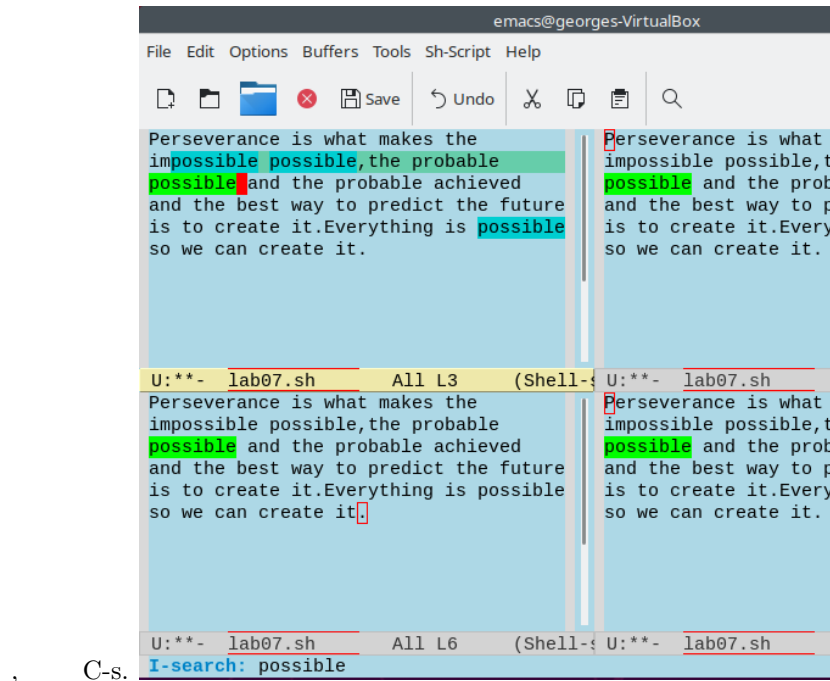
```

U:**- lab07.sh All L10 (Shell-s) U:**- lab07.sh All L10 (Shell-s)
Beginning of buffer Beginning of buffer

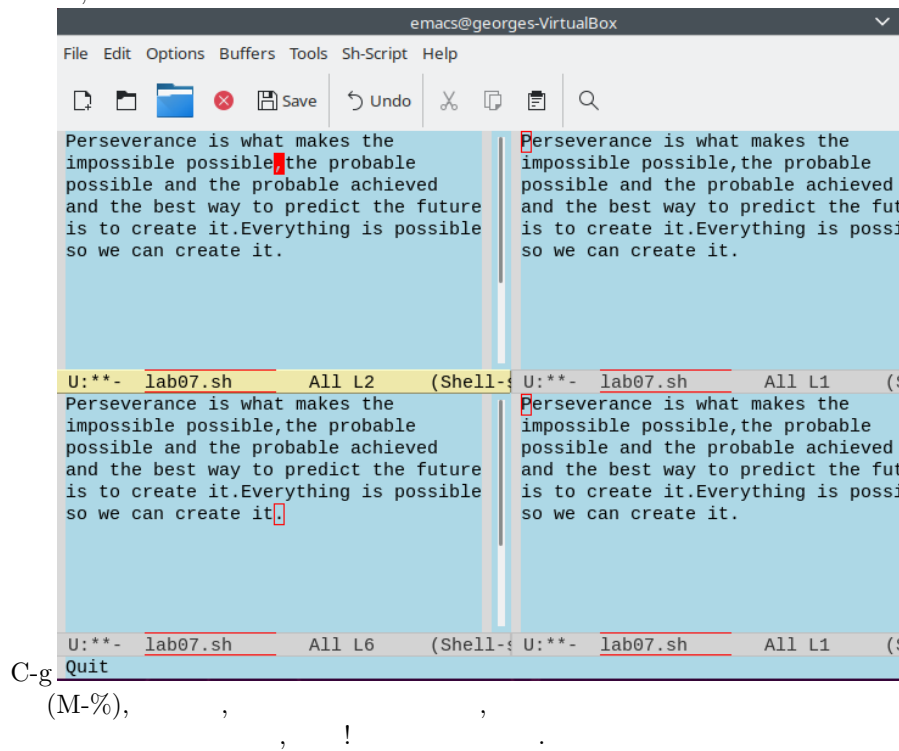
(19) 8. 2. () .

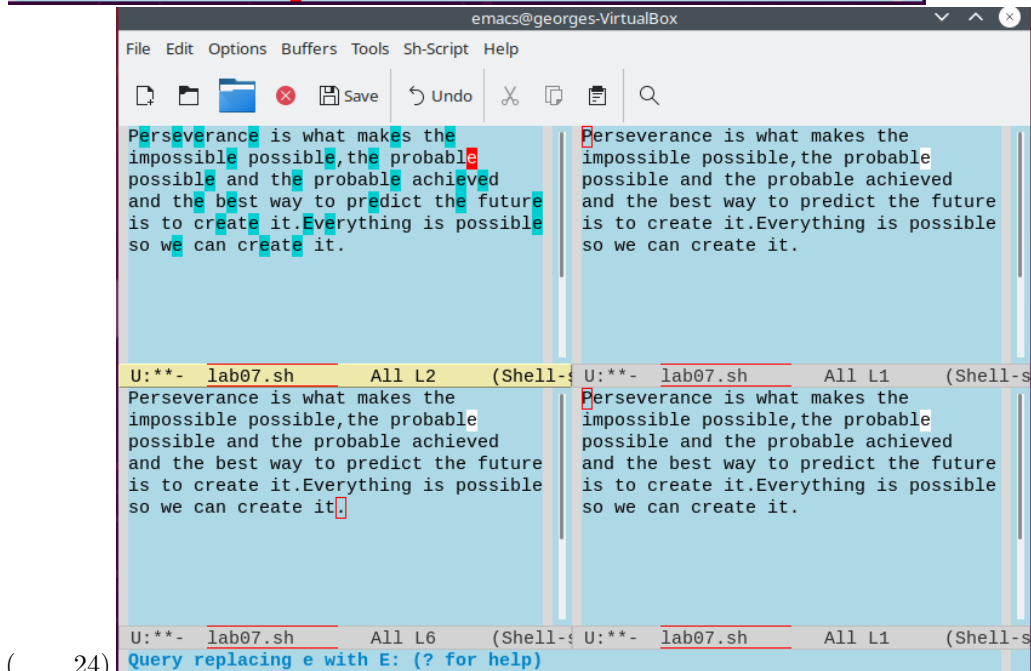
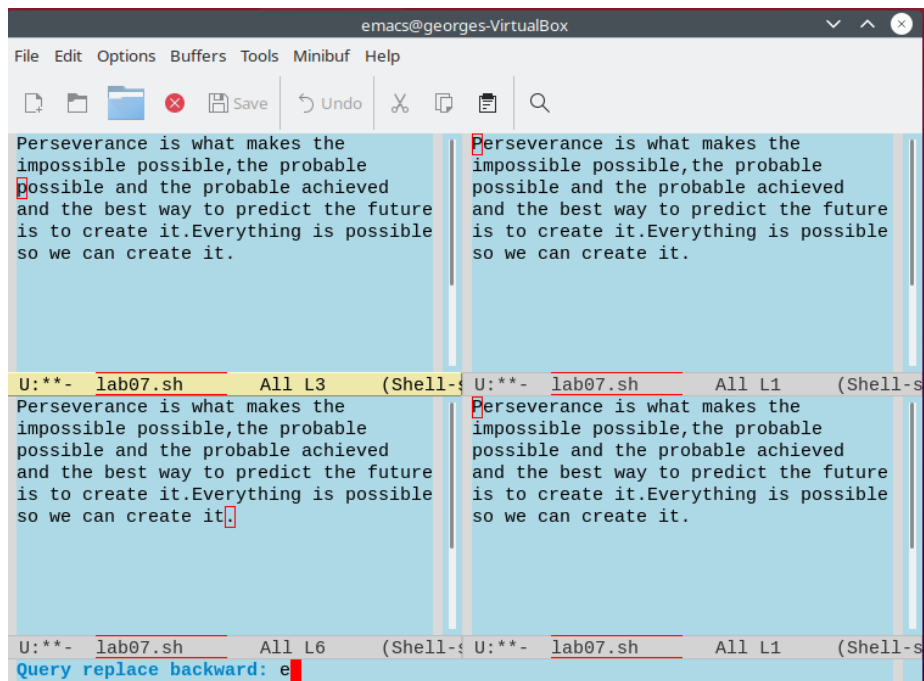


(21) 9. 2.

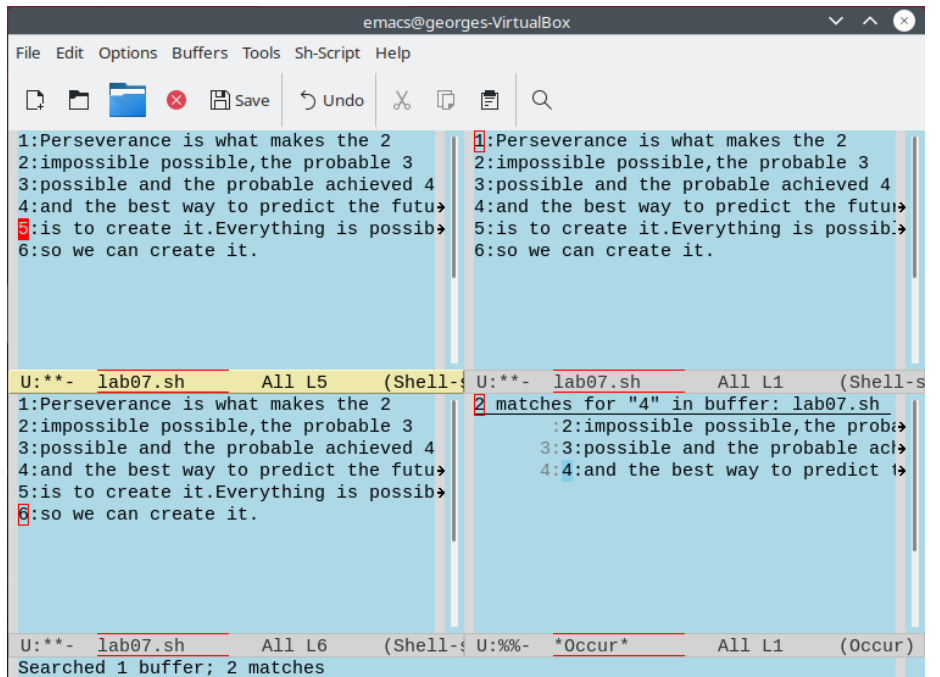


(22) 9. 3.
(23) 9. 4.
Enter ,





- (24) 9. 5. , M-s o. , ,
- (25) 9. 5. , M-s o. , ,



- (26) # : Linux,
- Emacs. ### : 1. Emacs
- , Elisp. 2. Emacs
- ,
- , 3.
- , 4. 10
- . 5. emacs - scratch,
- Emacs Lisp,
- . 6. C-c | : Control+c Shift+,
- C-c C-|: Control+c Control+Shift+.
7. : C-x 3 C-x 2. 8. Emacs
- ~/emacs. 9.
- . 10. emacs -