

# Презентация к лабораторной работе №9

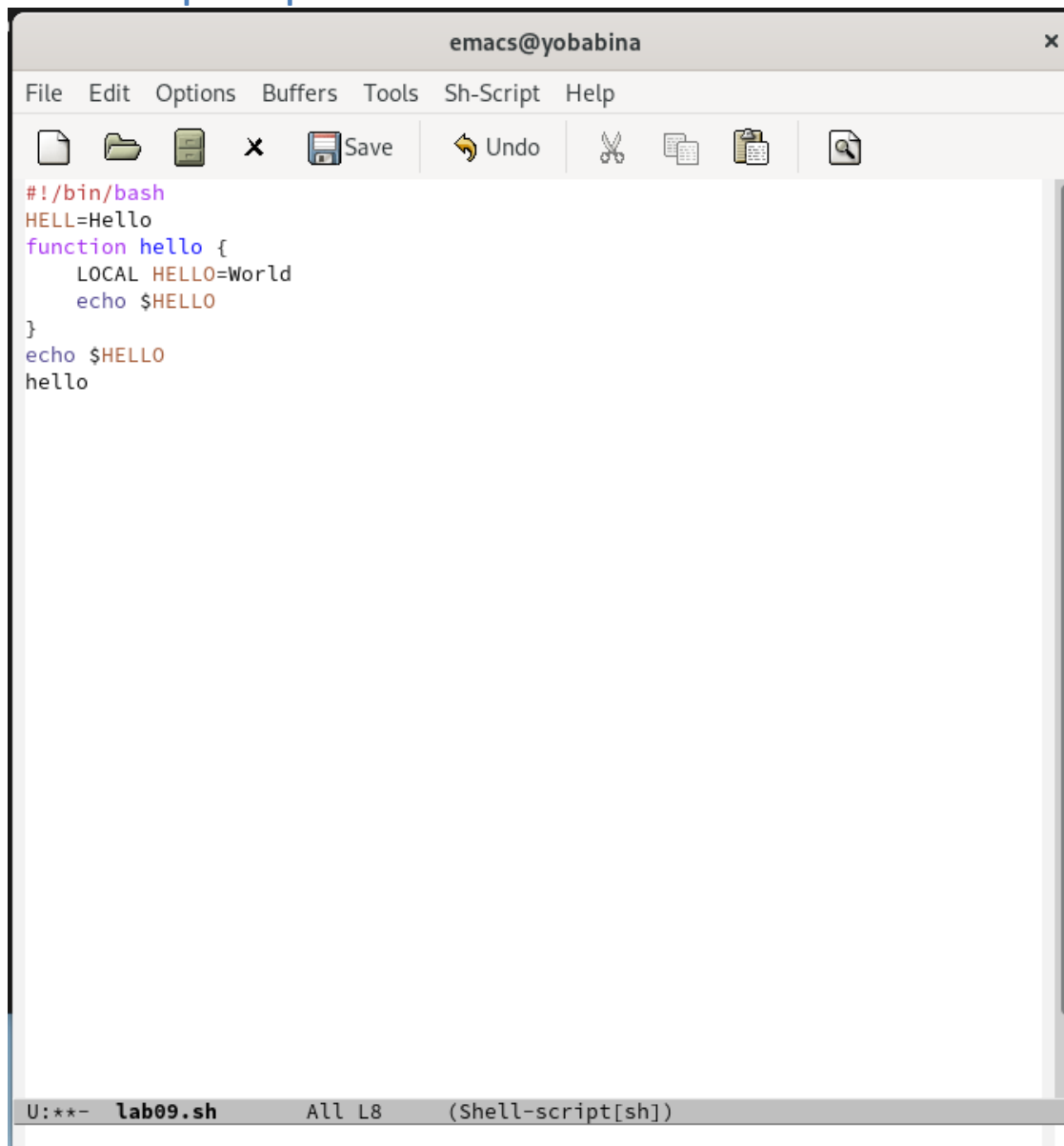
Бабина Ю.О.

## Цель работы

Познакомиться с операционной системой Linux. Получить практические навыки работы с редактором Emacs.

## Ход работы

### Работа с первым файлом в emacs.

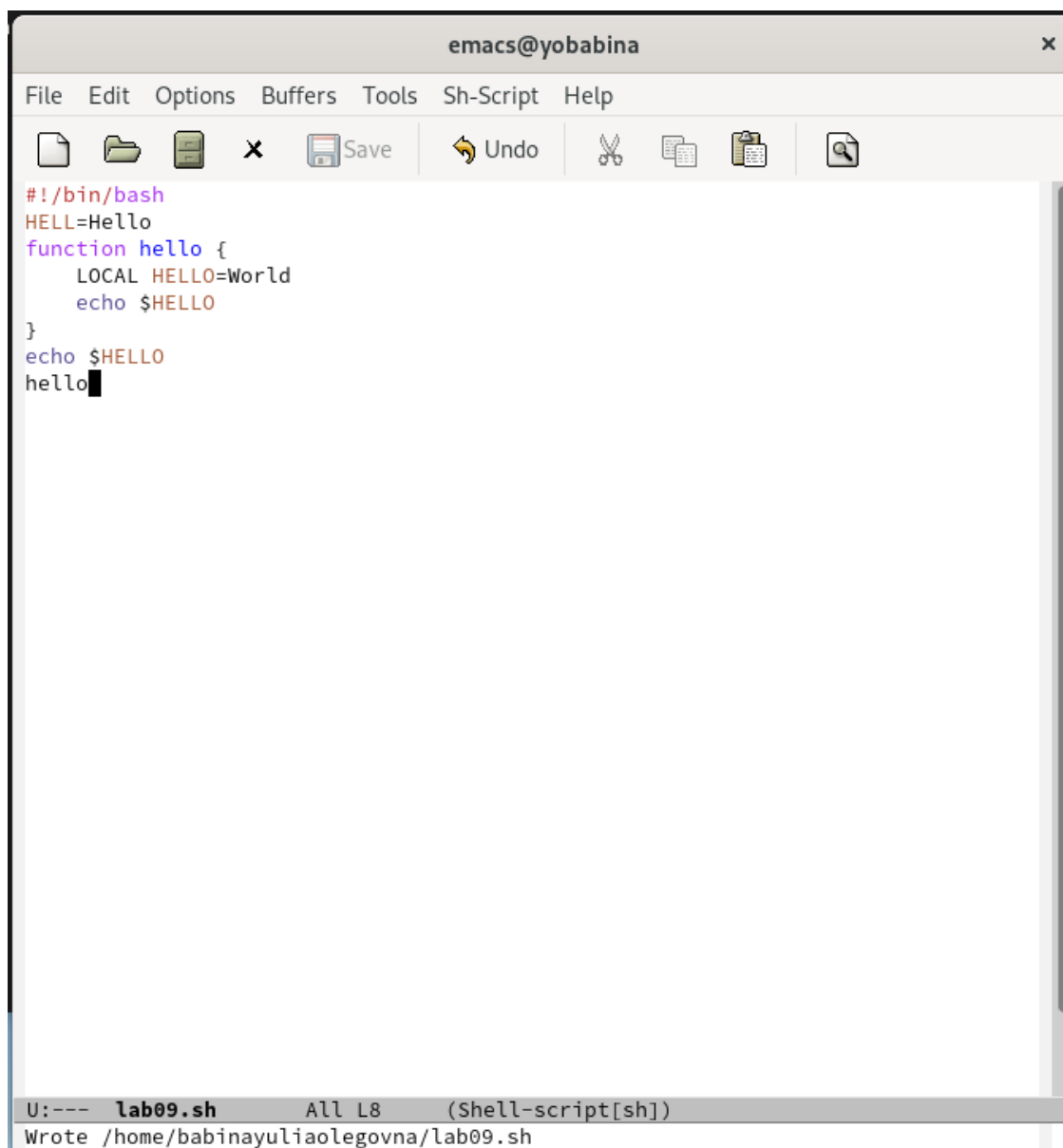


The screenshot shows the Emacs editor window titled "emacs@yobabina". The menu bar includes "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". The toolbar contains icons for file operations (new, open, save, close), editing (undo, redo, cut, copy, paste), and search. The main text area contains a shell script with the following content:

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

The status bar at the bottom displays "U:\*\*\*- lab09.sh", "All L8", and "(Shell-script[sh])".

*написание текста*

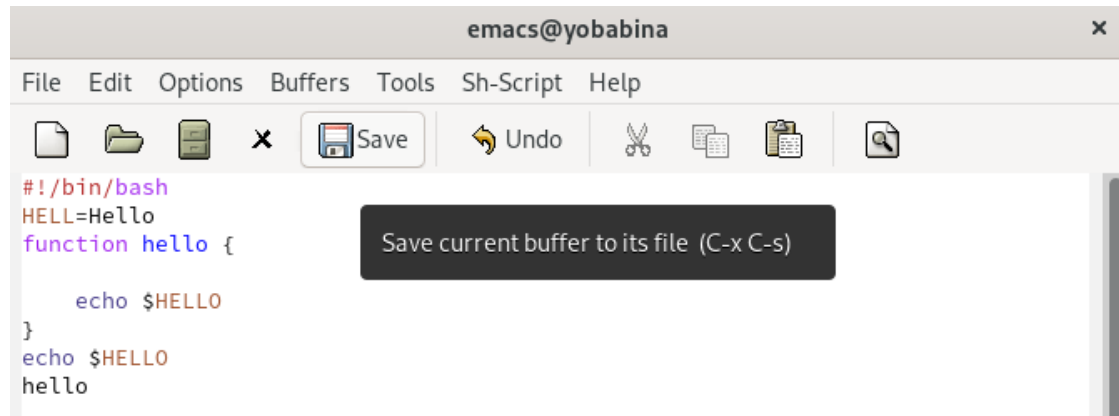


```
#!/bin/bash
HELL=Hello
function hello {
  LOCAL HELLO=World
  echo $HELLO
}
echo $HELLO
hello
```

U:--- **lab09.sh** All L8 (Shell-script[sh])  
Wrote /home/babinayuliaolegovna/lab09.sh

*сохранение файла*

## Работа с текстом

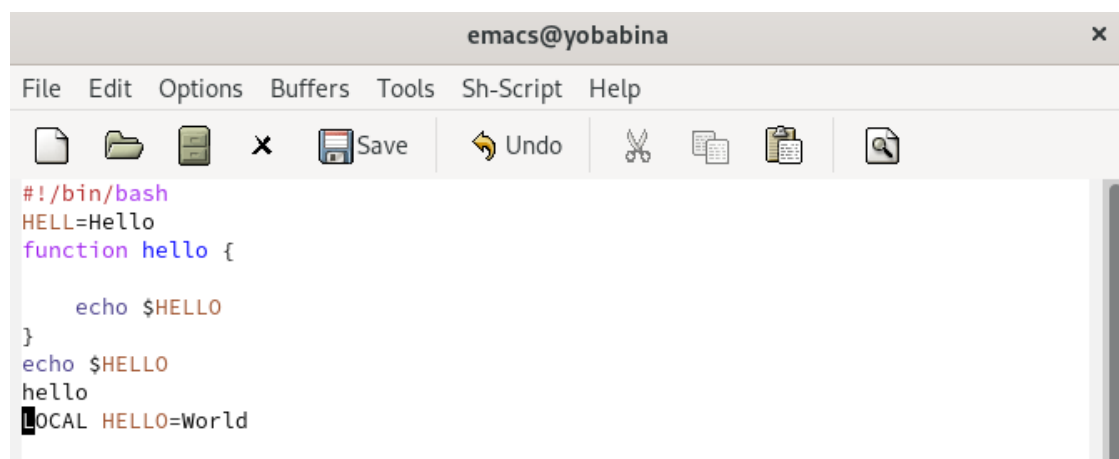


The screenshot shows the Emacs editor window titled "emacs@yobabina". The menu bar includes "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". The toolbar contains icons for file operations and editing. The text area displays a shell script:

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

A dark tooltip box is overlaid on the script, containing the text: "Save current buffer to its file (C-x C-s)".

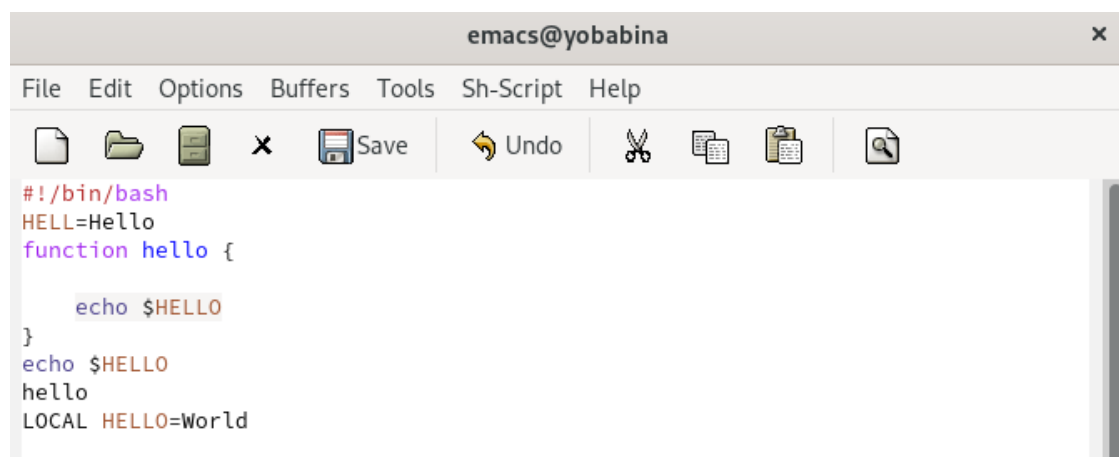
*работа с текстом*



The screenshot shows the Emacs editor window titled "emacs@yobabina". The menu bar and toolbar are the same as in the previous image. The text area displays the same shell script, but with an additional line at the bottom:

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

*работа с текстом*



The screenshot shows the Emacs editor window titled "emacs@yobabina". The menu bar and toolbar are the same as in the previous images. The text area displays the same shell script as the previous image. The line "LOCAL HELLO=World" is now highlighted in blue.

*работа с текстом*

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

*работа с текстом*

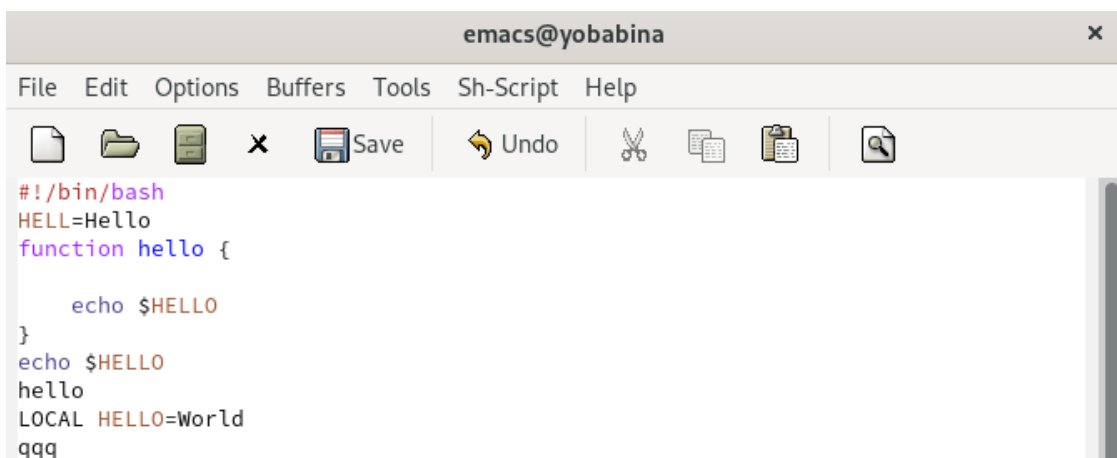
```
#!/bin/bash
HELL=Hello
function hello {
    echo $HELLO
}
echo $HELLO
hello
LOCAL HELLO=World
```

*работа с текстом*

## Работа с курсором

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

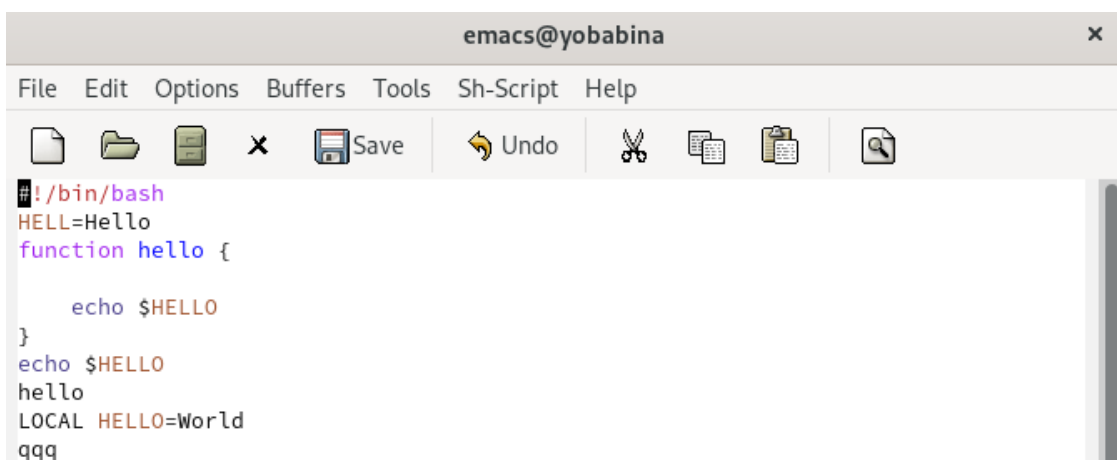
*работа с курсором*



The screenshot shows an Emacs editor window titled "emacs@yobabina". The menu bar includes "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". The toolbar contains icons for file operations (new, open, save, close), editing (undo, redo, cut, copy, paste), and search. The text area contains a shell script with the following content:

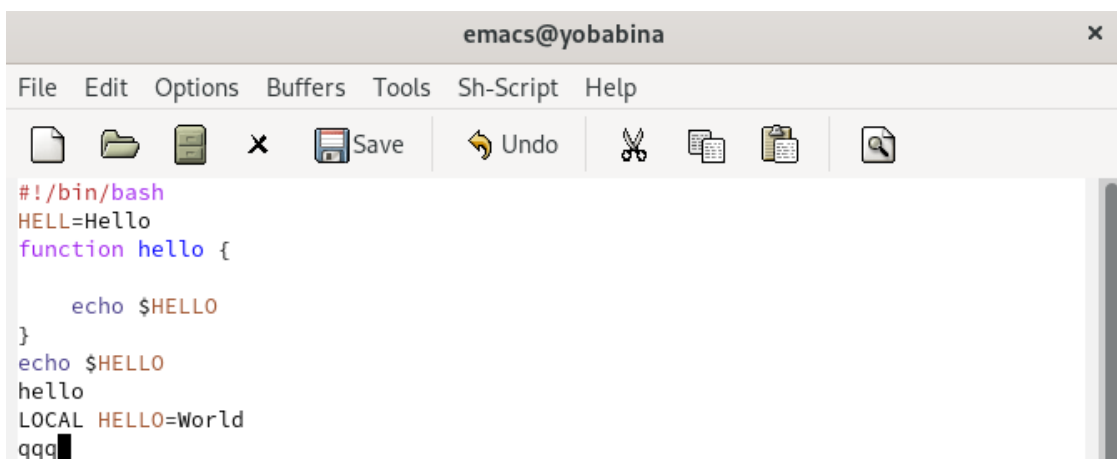
```
#!/bin/bash
HELL=Hello
function hello {
    echo $HELLO
}
echo $HELLO
hello
LOCAL HELLO=World
qqq
```

*работа с курсором*



This screenshot is identical to the previous one, showing the same Emacs editor window with the same shell script content.

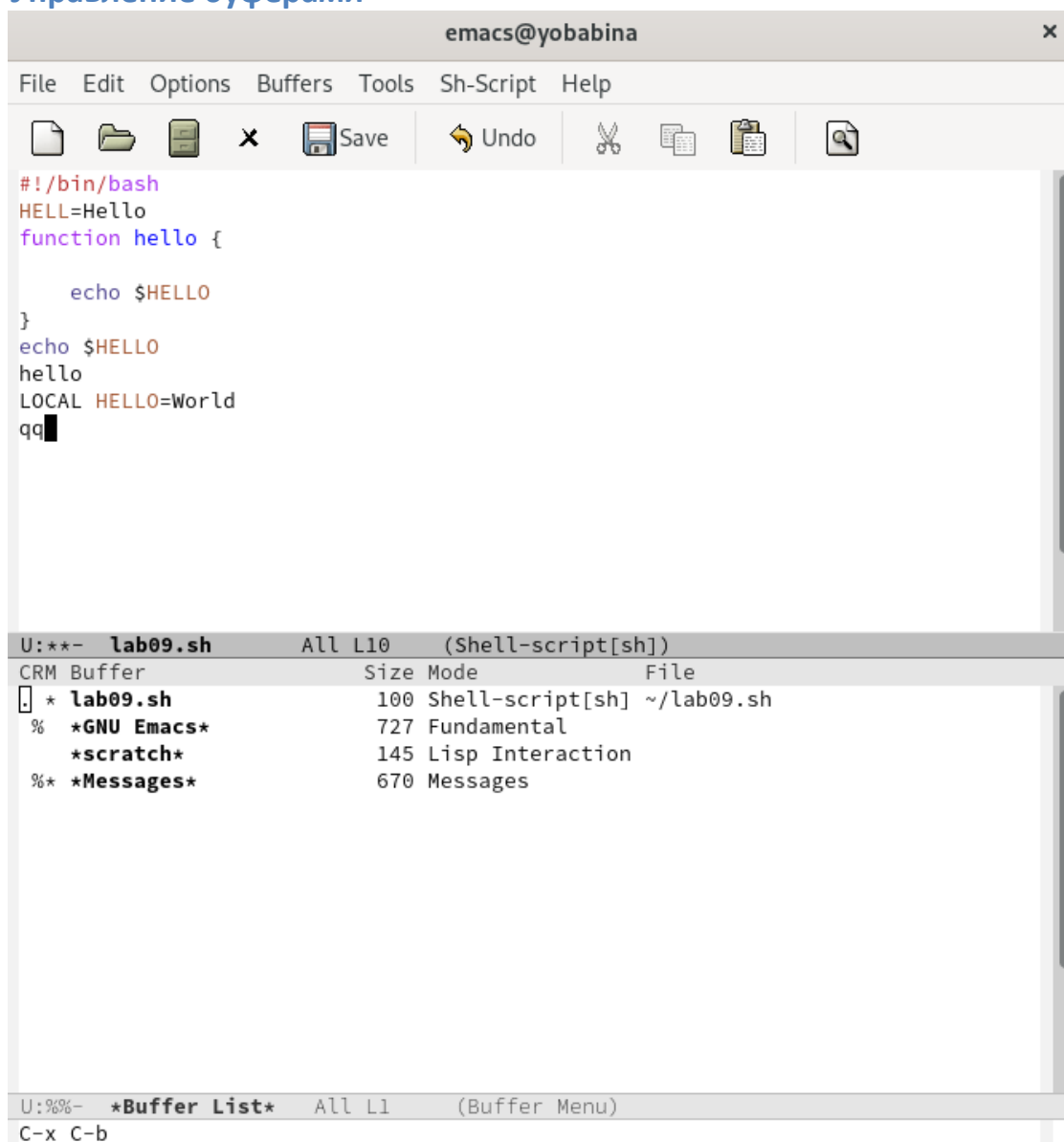
*работа с курсором*



This screenshot is identical to the previous ones, but with a black cursor (caret) positioned at the end of the last line of the script, after the text "qqq".

*работа с курсором*

## Управление буферами



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

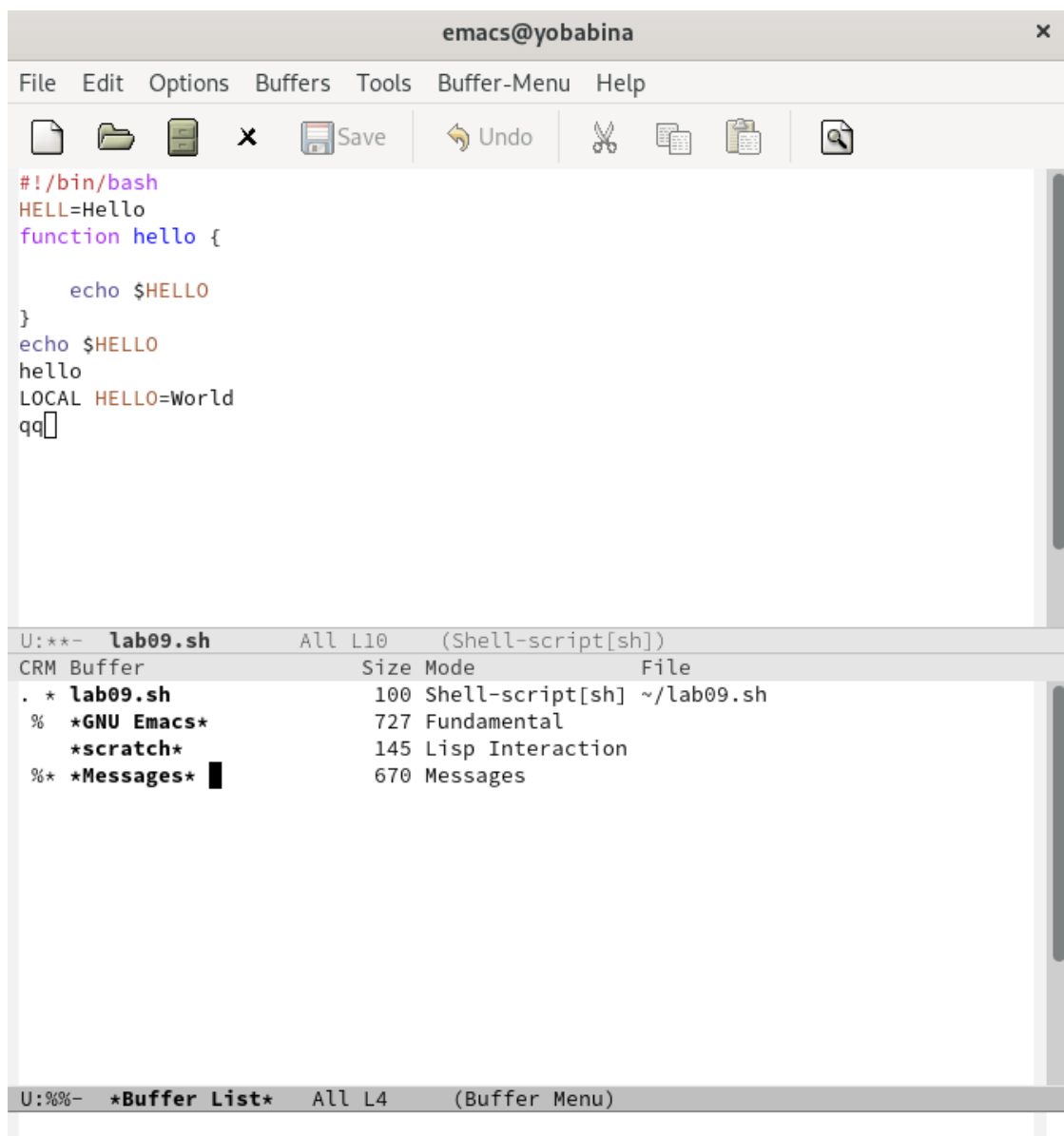
```
#!/bin/bash
HELL=Hello
function hello {
    echo $HELLO
}
echo $HELLO
hello
LOCAL HELLO=World
qq
```

Below the text area, the "Buffer List" window is open, showing a table of buffers. The title bar of the window reads "U:\*\*\*- lab09.sh All L10 (Shell-script[sh])". The table has columns for "CRM", "Buffer", "Size", "Mode", and "File".

CRM	Buffer	Size	Mode	File
1	* lab09.sh	100	Shell-script[sh]	~/lab09.sh
%	*GNU Emacs*	727	Fundamental	
	*scratch*	145	Lisp Interaction	
%*	*Messages*	670	Messages	

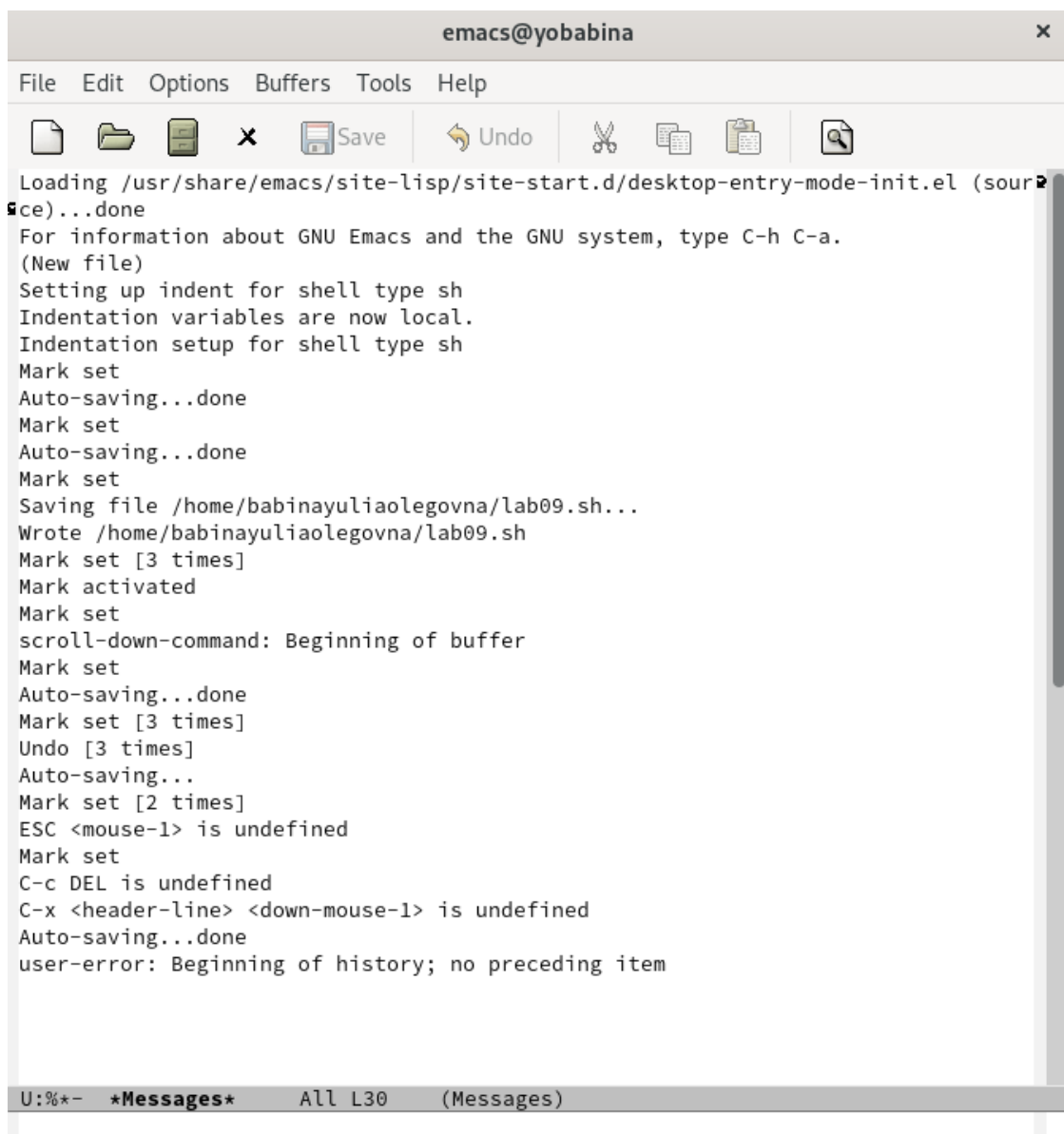
At the bottom of the window, the status bar shows "U:%%%- \*Buffer List\* All L1 (Buffer Menu)" and "C-x C-b".

*управление буферами*



*управление буферами*





```
emacs@yobabina
File Edit Options Buffers Tools Help
Loading /usr/share/emacs/site-lisp/site-start.d/desktop-entry-mode-init.el (source)...done
For information about GNU Emacs and the GNU system, type C-h C-a.
(New file)
Setting up indent for shell type sh
Indentation variables are now local.
Indentation setup for shell type sh
Mark set
Auto-saving...done
Mark set
Auto-saving...done
Mark set
Saving file /home/babinayuliaolegovna/lab09.sh...
Wrote /home/babinayuliaolegovna/lab09.sh
Mark set [3 times]
Mark activated
Mark set
scroll-down-command: Beginning of buffer
Mark set
Auto-saving...done
Mark set [3 times]
Undo [3 times]
Auto-saving...
Mark set [2 times]
ESC <mouse-1> is undefined
Mark set
C-c DEL is undefined
C-x <header-line> <down-mouse-1> is undefined
Auto-saving...done
user-error: Beginning of history; no preceding item

U:%*- *Messages* All L30 (Messages)
```

*управление буферами*

## Управление окнами

The screenshot shows the Emacs editor interface with a window titled 'emacs@yobabina'. The menu bar includes 'File', 'Edit', 'Options', 'Buffers', 'Tools', and 'Help'. The toolbar contains icons for file operations (Save, Undo, Cut, Copy, Paste, Find) and a search icon. The main editing area is split into two windows. The left window displays a message buffer with text including 'Auto-saving...done', 'Mark set', 'Saving file /home/babinayuliaolegovna/...', 'Wrote /home/babinayuliaolegovna/lab09.', 'Mark set [3 times]', 'Mark activated', 'Mark set', 'scroll-down-command: Beginning of buff', 'Mark set', 'Auto-saving...done', 'Mark set [3 times]', 'Undo [3 times]', 'Auto-saving...', 'Mark set [2 times]', 'ESC <mouse-1> is undefined', 'Mark set', and 'C-c DEL is undefined'. The right window displays a message buffer with text including '←/home/babinayuliaolegovna/lab09.sh', '←et [3 times]', '←ctivated', '←et', '←-down-command: Beginning of buffer', '←et', '←aving...done', '←et [3 times]', '←3 times]', '←aving...', '←et [2 times]', '←ouse-1> is undefined', '←et', '←L is undefined', '←eader-line> <down-mouse-1> is undefine', '←aving...done', '←error: Beginning of history; no precedi', and 'U:%\*- \*Messages\* 39% L18 (Message'. The status bar at the bottom shows 'U:%\*- \*Messages\* 38% L17 (Message' for the left window and 'U:%\*- \*Messages\* 49% L21 (Message' for the right window.

```
emacs@yobabina
File Edit Options Buffers Tools Help
[Icons: File, Folder, Save, Undo, Cut, Copy, Paste, Find]

Auto-saving...done
Mark set
Saving file /home/babinayuliaolegovna/
Wrote /home/babinayuliaolegovna/lab09.
Mark set [3 times]
Mark activated
Mark set
scroll-down-command: Beginning of buff
Mark set
Auto-saving...done
Mark set [3 times]
Undo [3 times]
Auto-saving...
Mark set [2 times]
ESC <mouse-1> is undefined
Mark set
C-c DEL is undefined

U:%*- *Messages* 39% L18 (Message

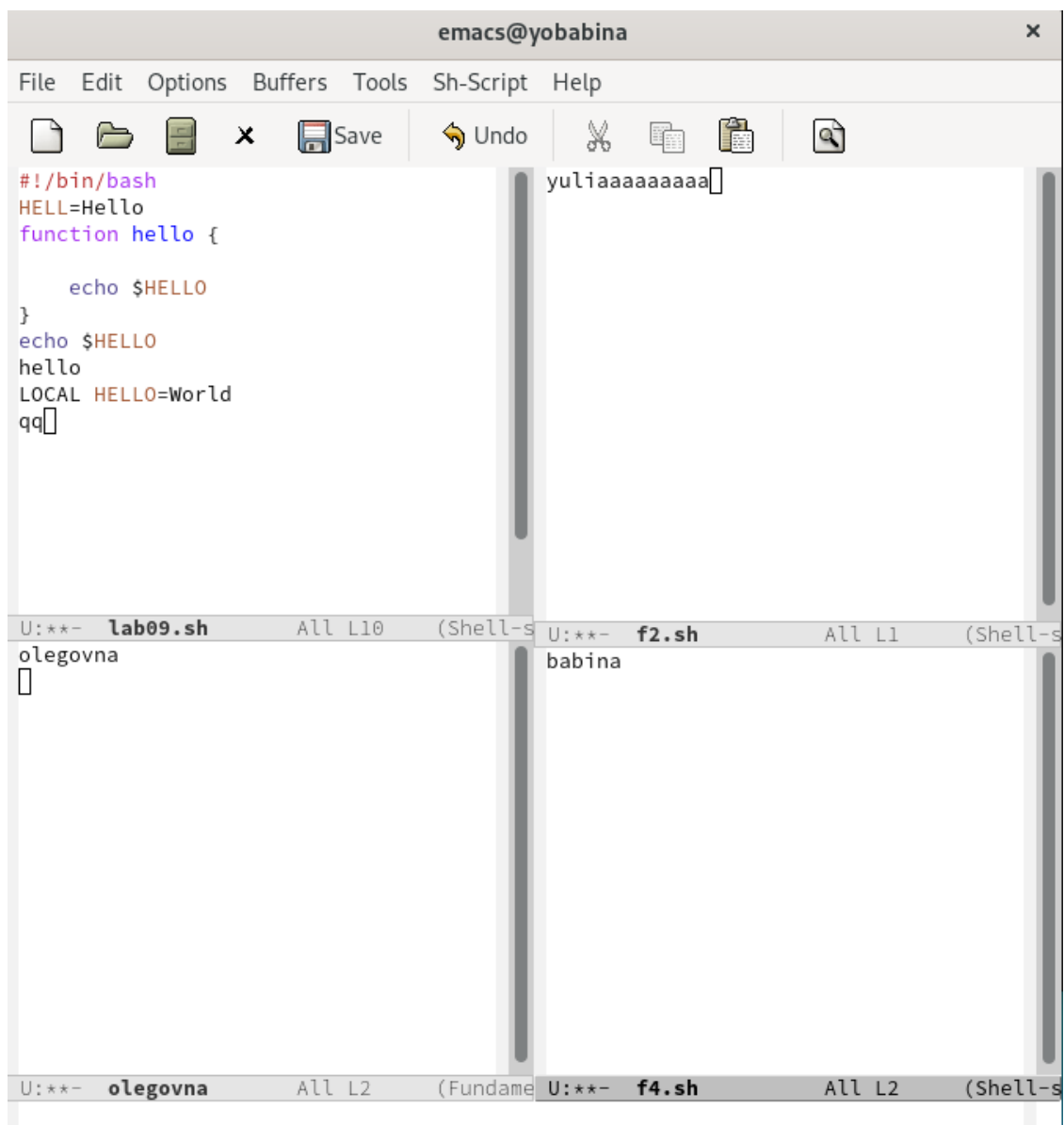
←/home/babinayuliaolegovna/lab09.sh
←et [3 times]
←ctivated
←et
←-down-command: Beginning of buffer
←et
←aving...done
←et [3 times]
←3 times]
←aving...
←et [2 times]
←ouse-1> is undefined
←et
←L is undefined
←eader-line> <down-mouse-1> is undefine
←aving...done
←error: Beginning of history; no precedi

U:%*- *Messages* 49% L21 (Message

Wrote /home/babinayuliaolegovna/lab09.
Mark set [3 times]
Mark activated
Mark set
scroll-down-command: Beginning of buff
Mark set
Auto-saving...done
Mark set [3 times]
Undo [3 times]
Auto-saving...
Mark set [2 times]
ESC <mouse-1> is undefined
Mark set
C-c DEL is undefined
C-x <header-line> <down-mouse-1> is un
Auto-saving...done

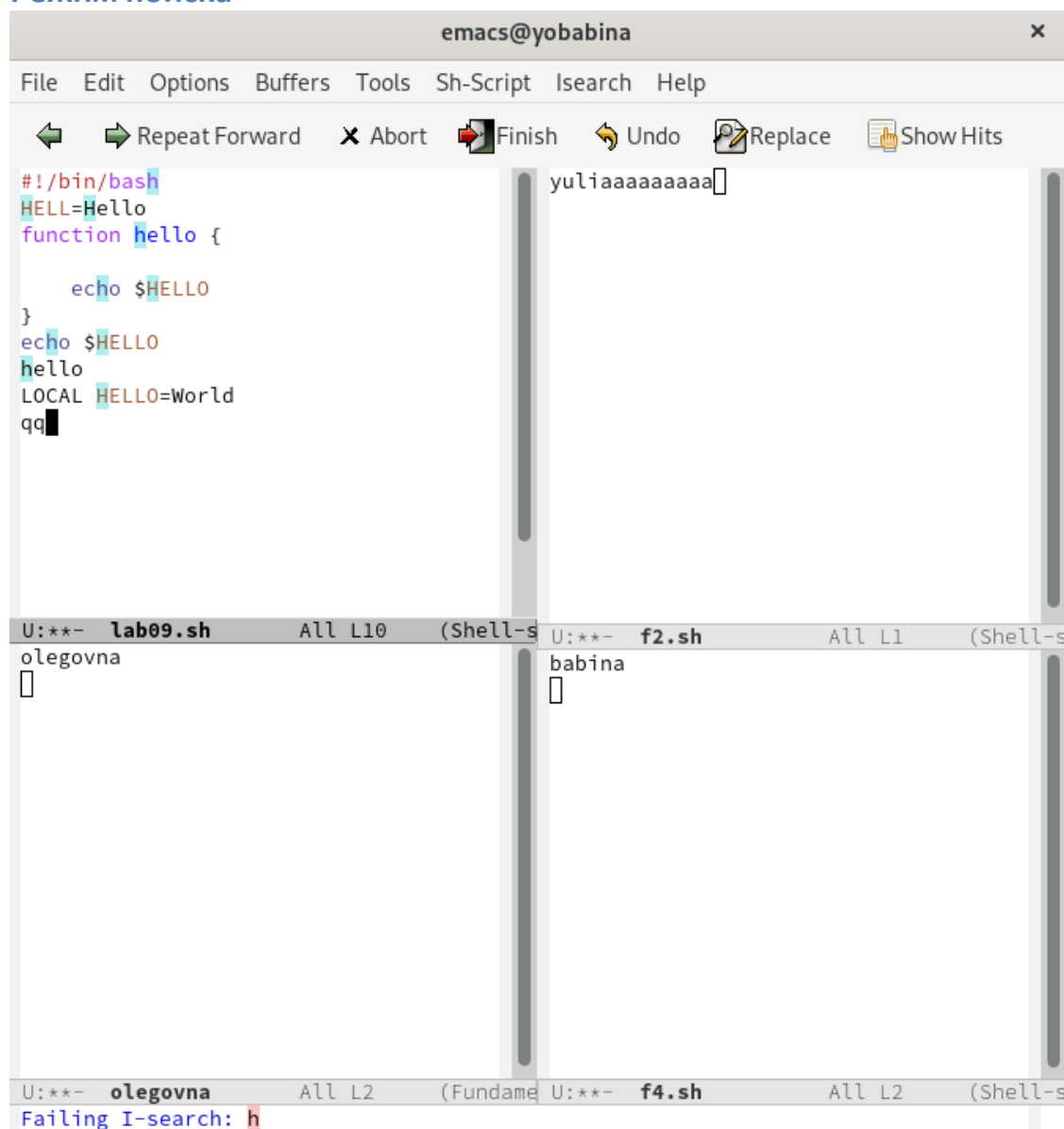
U:%*- *Messages* 38% L17 (Message
U:%*- *Messages* 49% L21 (Message
```

управление окнами



*управление окнами*

## Режим поиска



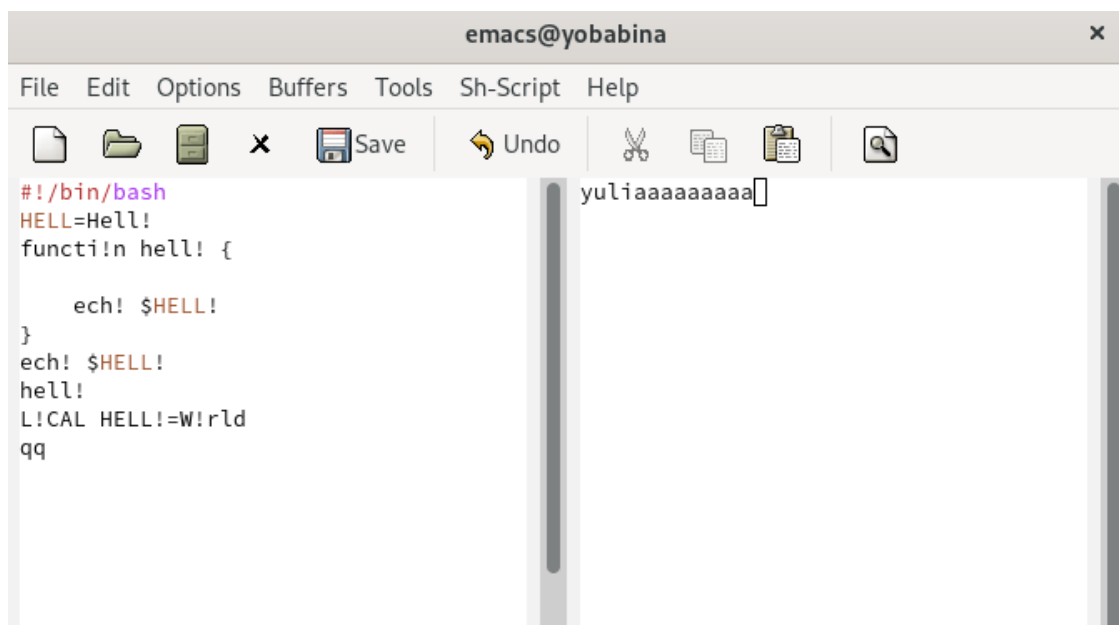
The screenshot shows the Emacs editor interface with the title bar 'emacs@yobabina'. The menu bar includes 'File', 'Edit', 'Options', 'Buffers', 'Tools', 'Sh-Script', 'Isearch', and 'Help'. Below the menu bar is a toolbar with icons for navigation and search actions: Repeat Forward, Abort, Finish, Undo, Replace, and Show Hits. The main editing area is split into two panes. The left pane shows a shell script with the following content: 

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

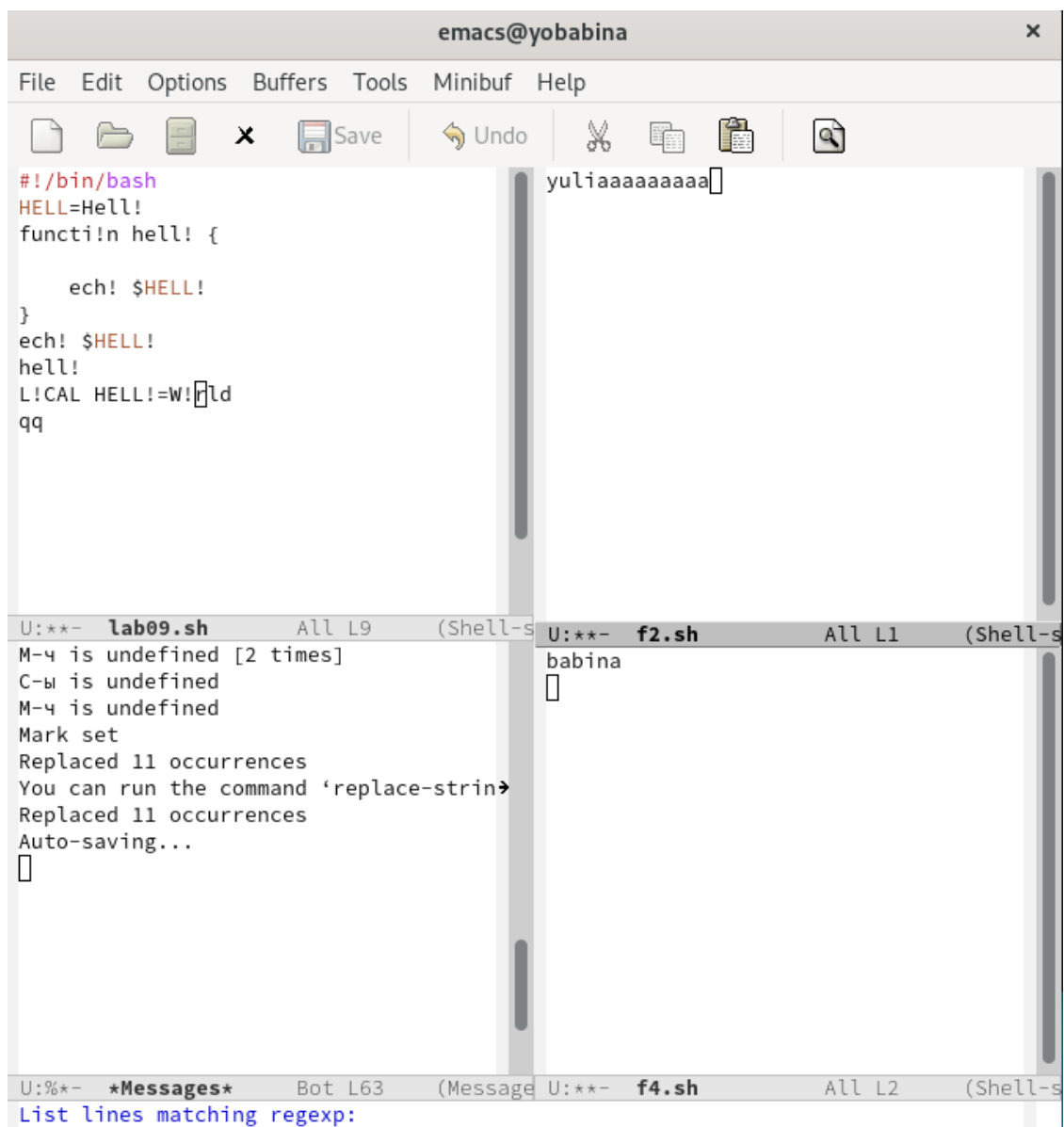
 The right pane shows the text 'yuliaaaaaaaaaa'. Below the main editing area, there are four buffer tabs. The first two tabs are 'lab09.sh' and 'f2.sh', both showing 'All L10' and '(Shell-s'. The third and fourth tabs are 'olegovna' and 'f4.sh', both showing 'All L2' and '(Fundame'. The status bar at the bottom left indicates 'Failing I-search: h'.

```
emacs@yobabina
File Edit Options Buffers Tools Sh-Script Isearch Help
Repeat Forward Abort Finish Undo Replace Show Hits
#!/bin/bash
HELL=Hello
function hello {
    echo $HELLO
}
echo $HELLO
hello
LOCAL HELLO=World
qq
yuliaaaaaaaaaa
U:*** lab09.sh All L10 (Shell-s U:*** f2.sh All L1 (Shell-s
olegovna babina
U:*** olegovna All L2 (Fundame U:*** f4.sh All L2 (Shell-s
Failing I-search: h
```

режим поиска



*режим поиска*



*режим поиска*

## Вывод

В ходе данной лабораторной работы я познакомилась с операционной системой Linux. Получила практические навыки работы с редактором Emacs.