

**Российский университет дружбы народов**

**Факультет физико-математический и естественных наук**

**Кафедра прикладной информатики и теории вероятностей**

**Лабораторная работа №9 “Текстовый редактор  
etacs”**

**Дисциплина**

Операционные системы

**Студент**

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**Группа**

НБИбд-03-21

# Отчёт

1.

```
anastasia — -zsh — 80x22
==> Installing emacs dependency: jansson
==> Pouring jansson--2.14.arm64_big_sur.bottle.tar.gz
  /opt/homebrew/Cellar/jansson/2.14: 11 files, 228.4KB
==> Installing emacs
==> Pouring emacs--28.1.arm64_big_sur.bottle.1.tar.gz
==> Caveats
To restart emacs after an upgrade:
  brew services restart emacs
Or, if you don't want/need a background service you can just run:
  /opt/homebrew/opt/emacs/bin/emacs --fg-daemon
==> Summary
  /opt/homebrew/Cellar/emacs/28.1: 4,095 files, 110.4MB
==> Running 'brew cleanup emacs'...
Disable this behaviour by setting HOMEBREW_NO_INSTALL_CLEANUP.
Hide these hints with HOMEBREW_NO_ENV_HINTS (see 'man brew').
==> Caveats
==> emacs
To restart emacs after an upgrade:
  brew services restart emacs
Or, if you don't want/need a background service you can just run:
  /opt/homebrew/opt/emacs/bin/emacs --fg-daemon
anastasia@Air-Anastasia ~ % emacs
```

```
anastasia — emacs — 80x22
File Edit Options Buffers Tools Help
Welcome to GNU Emacs, a part of the GNU operating system.

Get help          C-h (Hold down CTRL and press h)
Emacs manual      C-h r          Browse manuals    C-h i
Emacs tutorial    C-h t          Undo changes      C-x u
Buy manuals       C-h RET        Exit Emacs        C-x C-c
Activate menubar  M-

('C-' means use the CTRL key. 'M-' means use the Meta (or Alt) key.
If you have no Meta key, you may instead type ESC followed by the character.)
Useful tasks:
Visit New File          Open Home Directory
Customize Startup       Open *scratch* buffer

GNU Emacs 28.1 (build 1, aarch64-apple-darwin20.6.0)
of 2022-04-30
Copyright (C) 2022 Free Software Foundation, Inc.

GNU Emacs comes with ABSOLUTELY NO WARRANTY; type C-h C-w for full details.
Emacs is Free Software--Free as in Freedom--so you can redistribute copies
-UUU:%%--F1 *GNU Emacs* Top L1 (Fundamental) -----
For information about GNU Emacs and the GNU system, type C-h C-a.
```

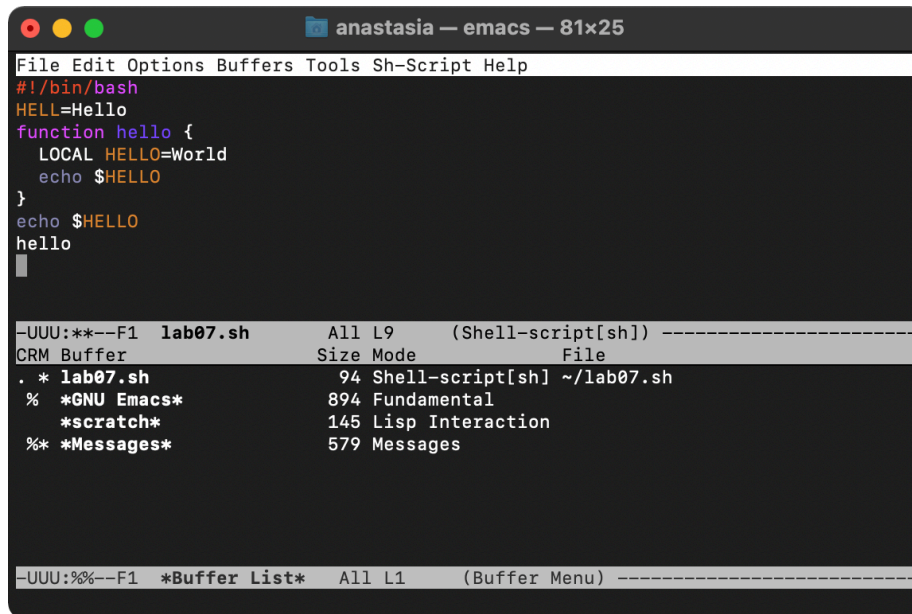
```
anastasia — emacs — 80x22
File Edit Options Buffers Tools Sh-Script Help
#!/bin/bash
HELL=Hello
function hello {
  LOCAL HELLO=World
  echo $HELLO
}
echo $HELLO
hello

-UUU:----F1 lab07.sh      All L9      (Shell-script[sh]) -----
Wrote /Users/anastasia/lab07.sh
```

```
anastasia — emacs — 81x25
File Edit Options Buffers Tools Sh-Script Help
#!/bin/bash

function hello {
  LOCAL HELLO=World
  echo $HELLO
}
echo $HELLO
hello
HELL=Hello
HELL=Hello
HELL=Hello

-UUU:**--F1 lab07.sh      All L11      (Shell-script[sh]) -----
End of buffer
```



The screenshot shows the Emacs editor window titled "anastasia — emacs — 81x25". The menu bar includes "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". The main text area contains a shell script:

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

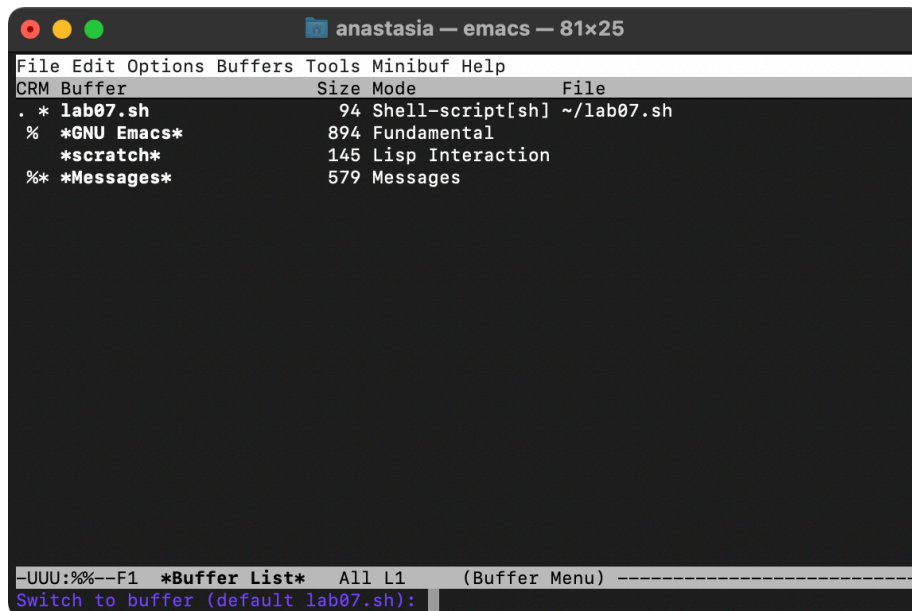
Below the script, the "Buffers" menu is open, displaying a table of active buffers:

CRM	Buffer	Size	Mode	File
.	* lab07.sh	94	Shell-script[sh]	~/lab07.sh
%	*GNU Emacs*	894	Fundamental	
%	*scratch*	145	Lisp Interaction	
%	*Messages*	579	Messages	

At the bottom, the status bar shows: "-UUU:%%--F1 \*Buffer List\* All L1 (Buffer Menu) -----".

## 2. Научилась использовать команды по перемещению курсора

Вывесла список активных буферов на экран:



The screenshot shows the Emacs editor window titled "anastasia — emacs — 81x25". The menu bar includes "File", "Edit", "Options", "Buffers", "Tools", "Minibuf", and "Help". The main text area displays the same buffer list as in the previous screenshot:

CRM	Buffer	Size	Mode	File
.	* lab07.sh	94	Shell-script[sh]	~/lab07.sh
%	*GNU Emacs*	894	Fundamental	
%	*scratch*	145	Lisp Interaction	
%	*Messages*	579	Messages	

At the bottom, the status bar shows: "-UUU:%%--F1 \*Buffer List\* All L1 (Buffer Menu) -----". Below the status bar, a prompt is visible: "Switch to buffer (default lab07.sh):".

The image displays two screenshots of the Emacs editor interface, showing a split-screen view of shell scripts and text files.

**Top Screenshot:** The Emacs window is titled "anastasia — emacs — 81x25". The menu bar includes "File Edit Options Buffers Tools Sh-Script Help". The editor is split into four panes, each displaying a shell script snippet:

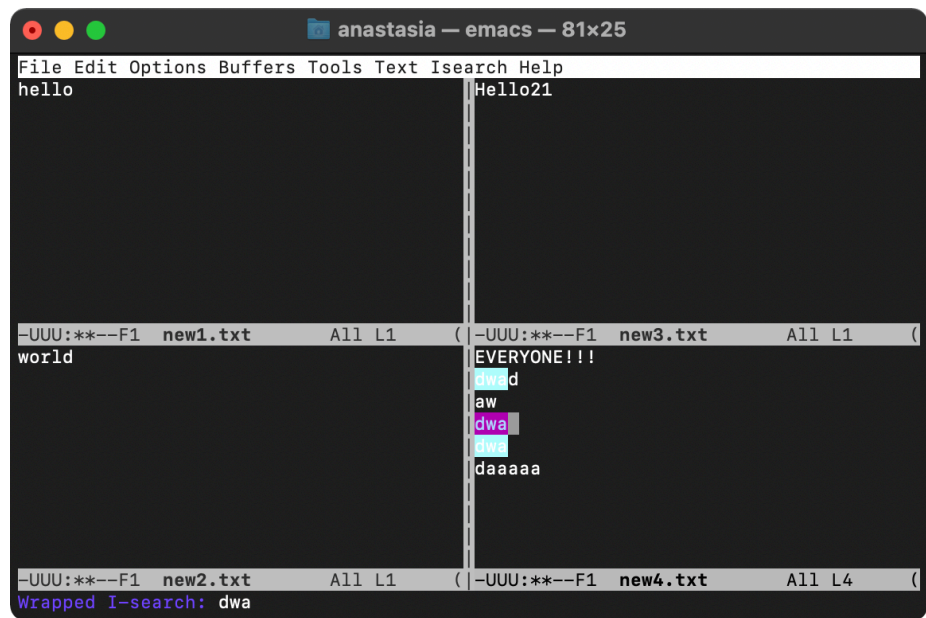
```
#!/bin/bash
HELL=Hello
function hello {
  LOCAL HELLO=World
  echo $HELLO
}
echo $HELLO
hello
```

The status bar for each pane shows: "-UUU:\*\*--F1 lab07.sh All L1".

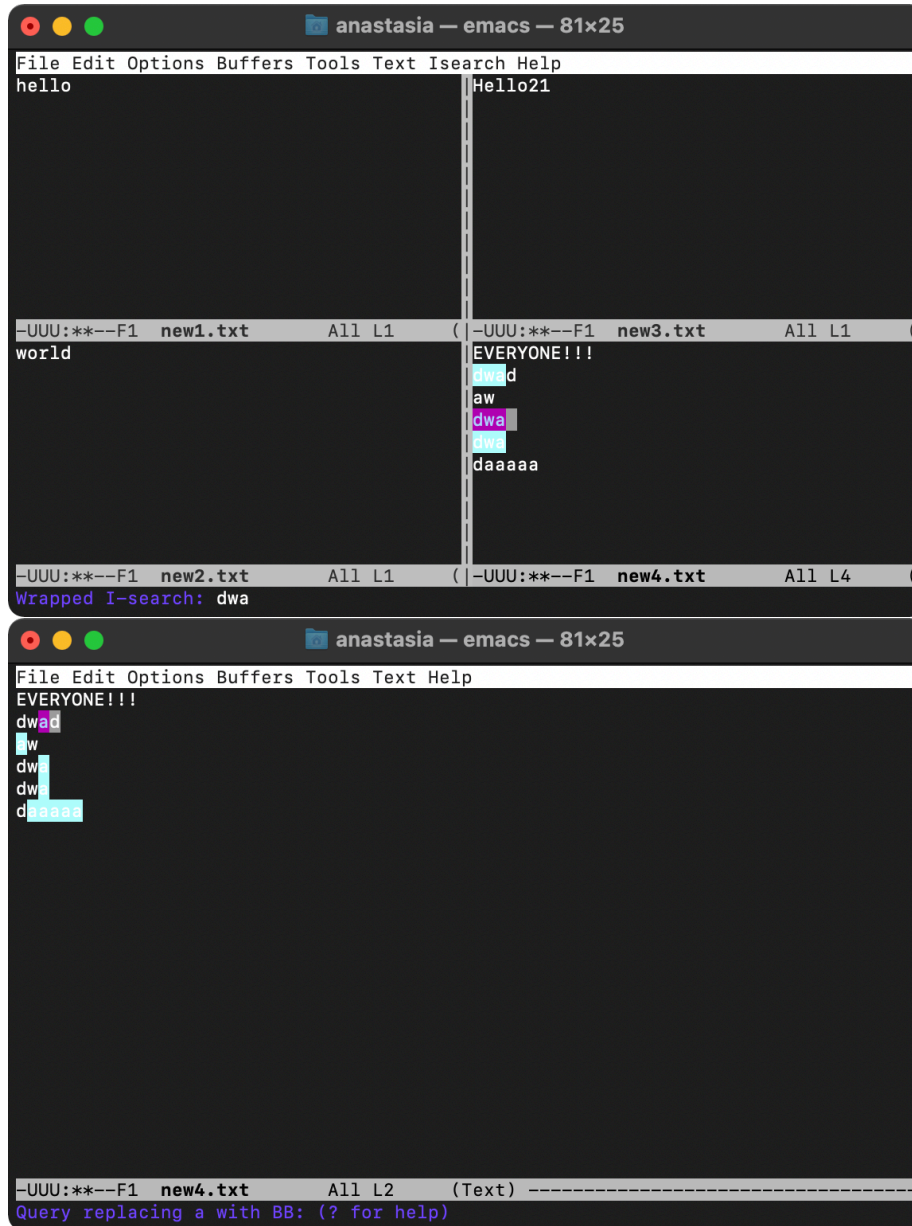
**Bottom Screenshot:** The Emacs window is titled "anastasia — emacs — 81x25". The menu bar includes "File Edit Options Buffers Tools Text Help". The editor is split into four panes, each displaying a text file snippet:

```
hello
```

The status bar for each pane shows: "-UUU:\*\*--F1 new1.txt All L1", "-UUU:\*\*--F1 new3.txt All L1", "-UUU:\*\*--F1 new2.txt All L1", and "-UUU:\*\*--F1 new4.txt All L1".



### 3 Выполнение упражнений :





The image shows two screenshots of the Emacs editor window titled "anastasia — emacs — 81x25".

The top screenshot shows the editor buffer with the text:

```
File Edit Options Buffers Tools Text Help
EVERYONE!!!
dwBBd
BBw
dwBB
dwBB
dBBBBBBBBB
```

The status bar at the bottom indicates: `--UUU:**--F1 new4.txt All L6 (Text) -----` and `Replaced 9 occurrences`.

The bottom screenshot shows the same editor buffer. The status bar indicates: `--UUU:**--F1 new4.txt All L6 (Text) -----`. Below the status bar, the message `5 matches for ".*B" in buffer: new4.txt` is displayed. The following matches are listed:

```
2: dwBBd
3: BBw
4: dwBB
5: dwBB
6: dBBBBBBBBB
```

The status bar at the bottom indicates: `--UUU:%--F1 *Occur* All L1 (Occur) -----` and `Searched 1 buffer; 5 matches for ".*B"`.

Испробуйте другой режим поиска, нажав M-s o. Объясните, чем он отличается от обычного режима? - Там регулярные выражения