

## Лабораторная работа №9

---

Белов Максим Сергеевич - НПИбд-01-21

19.05.2022

## Текстовый редактор emacs

---

## Цель работы:

---

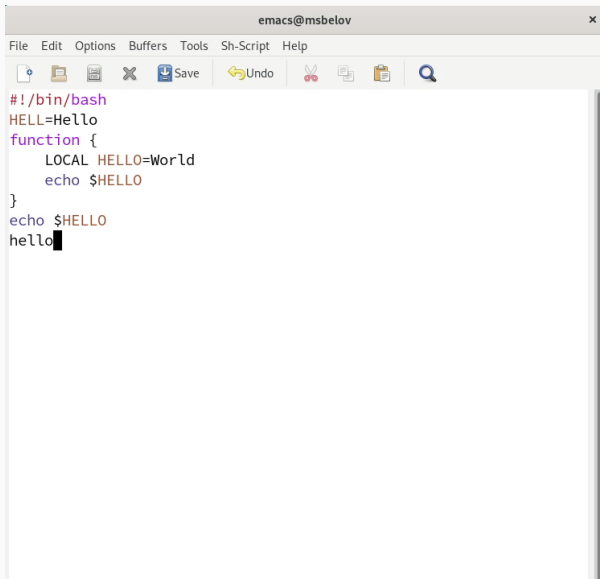
Получить практические навыки работы с редактором Emacs.

## Выполнение заданий

---

# Выполнение заданий

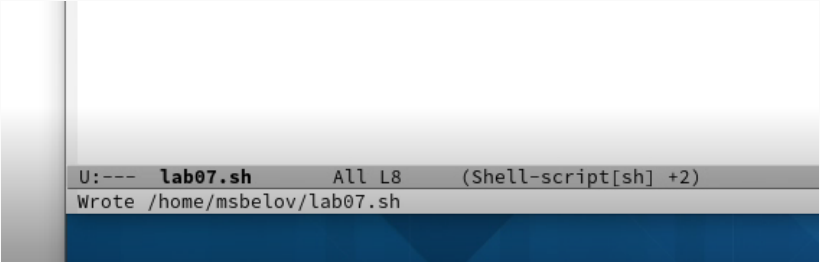
1. Откроем emacs, создадим файл lab07.sh и впишем в него текст.

A screenshot of the Emacs text editor window. The title bar reads 'emacs@msbelov'. The menu bar includes 'File', 'Edit', 'Options', 'Buffers', 'Tools', 'Sh-Script', and 'Help'. The toolbar contains icons for opening files, saving, undo, redo, and search. The main text area shows the following shell script content:

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

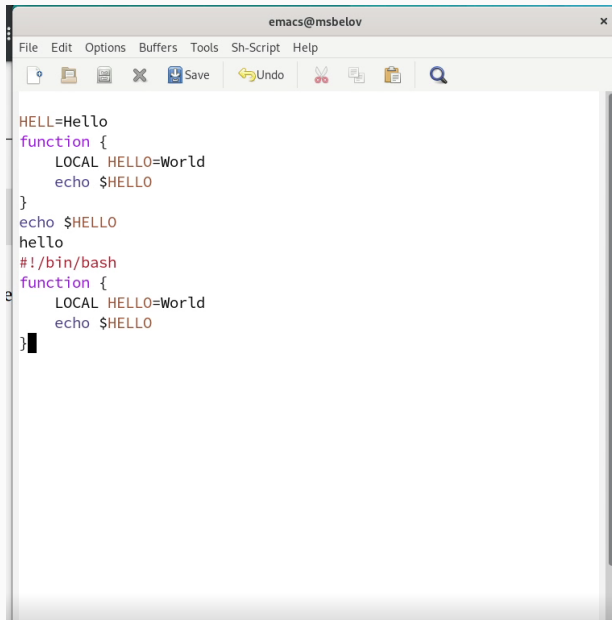
The cursor is positioned at the end of the 'hello' line.

2. Сохраним файл с помощью Ctrl+x Ctrl+s.

A screenshot of a terminal window. The top part of the window is a light gray header bar. Below it is a darker gray bar containing the text 'U:--- lab07.sh All L8 (Shell-script[sh] +2)'. The main area of the terminal is white and contains the text 'Wrote /home/msbelov/lab07.sh'. The bottom of the terminal window has a blue bar.

U:--- **lab07.sh** All L8 (Shell-script[sh] +2)  
Wrote /home/msbelov/lab07.sh

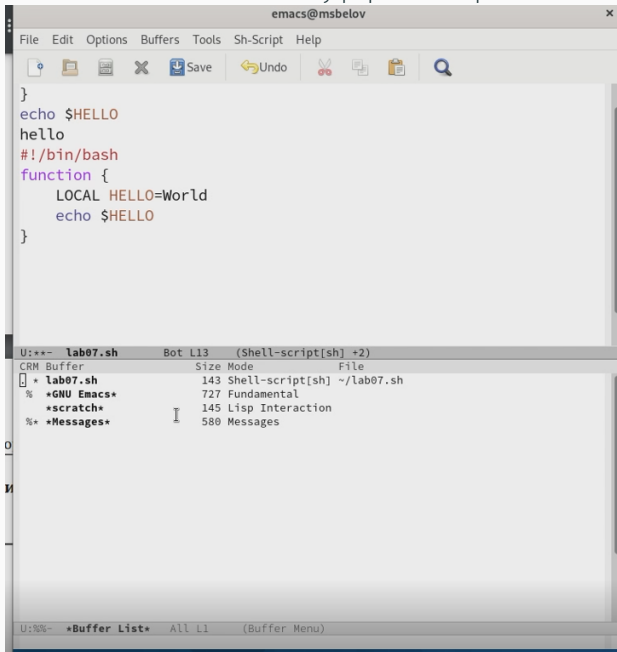
3. Прodelать с текстом стандартные процедуры редактирования, каждое действие должно осуществляться комбинацией клавиш.



The screenshot shows the Emacs text editor window titled "emacs@msbelov". The menu bar includes "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". The toolbar contains icons for opening a file, saving, undo, redo, and search. The main text area displays a shell script with the following content:

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

#### 4. Вывести список активных буферов на экран



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

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

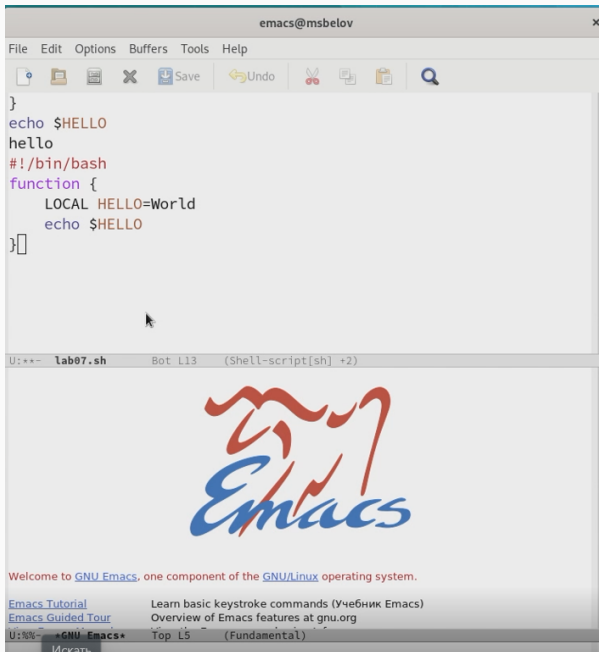
Below the main window, the buffer list is displayed. The prompt is `U:***- lab07.sh` and the buffer list is titled `Bot L13 (Shell-script[sh] +2)`. The buffer list shows the following buffers:

CRM	Buffer	Size	Mode	File
*	lab07.sh	143	Shell-script[sh]	~/lab07.sh
%	*GNU Emacs*	727	Fundamental	
%	*scratch*	145	Lisp Interaction	
%*	*Messages*	580	Messages	

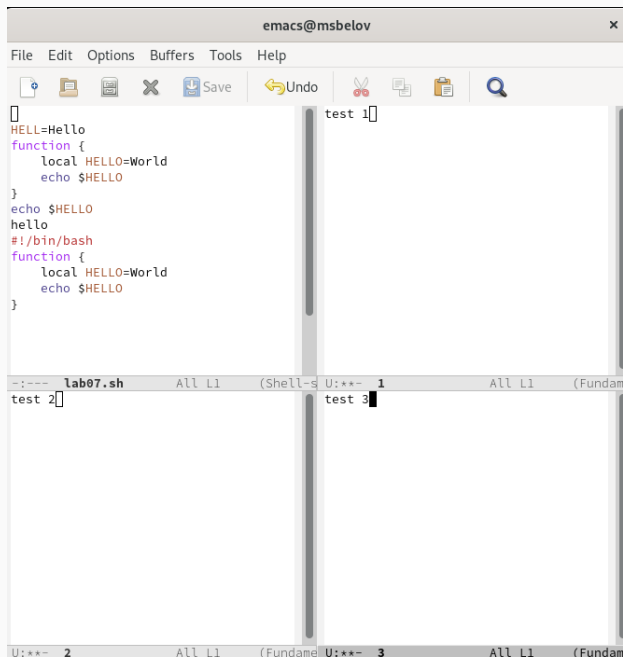
The status bar at the bottom shows `U:***- *Buffer List* All L1 (Buffer Menu)`.



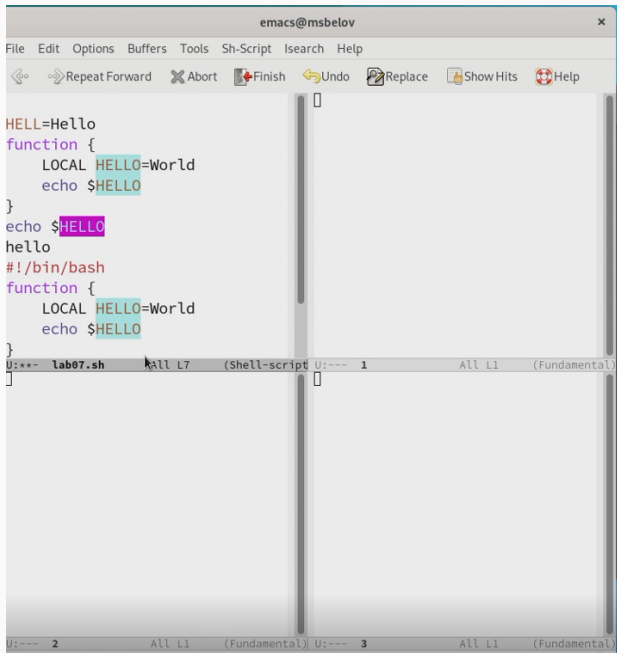
## 5. Перейдем в другой буфер из списка



## 6. Поделим фрейм на 4 части



## 7. Переключимся в режим поиска



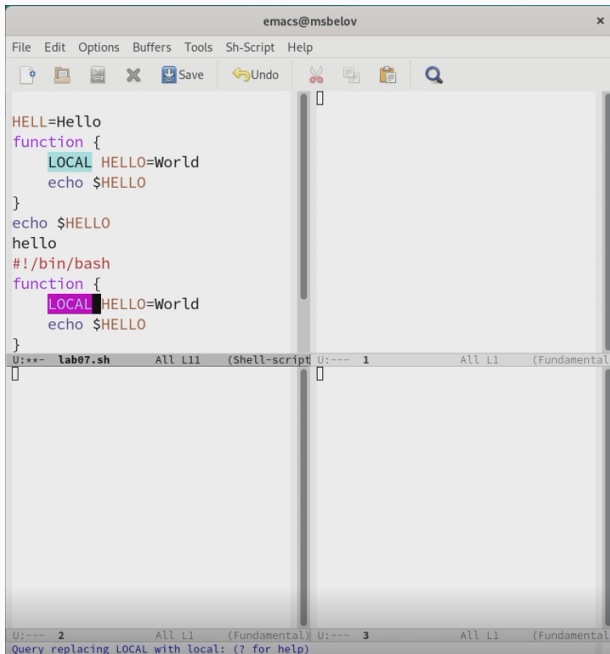
The screenshot shows the Emacs editor window titled "emacs@msbelov". The menu bar includes File, Edit, Options, Buffers, Tools, Sh-Script, Isearch, and Help. The toolbar contains icons for Repeat Forward, Abort, Finish, Undo, Replace, Show Hits, and Help. The main text area displays a shell script with the following content:

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

The script is divided into two buffers: "lab07.sh" and "(Shell-script)". The "lab07.sh" buffer is selected, and the search results are displayed in the "Isearch" buffer. The search results show the following matches:

- U:\*\*\* 1 All L1 (Fundamental)
- U:\*\*\* 2 All L1 (Fundamental)
- U:\*\*\* 3 All L1 (Fundamental)

## 8. Поиск и замена слова LOCAL в тексте



The screenshot shows the Emacs editor window titled "emacs@msbelov". 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 with the following content:

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

The status bar at the bottom shows the current buffer is "lab07.sh" and the search query is "Query replacing LOCAL with local: (? for help)". The status bar also displays "All L11 (Shell-script)" and "U:--- 1 All L1 (Fundamental)".

## 9. Испробуем другой режим поиска, нажав M-s o.

The screenshot shows the Emacs editor window titled 'emacs@msbelov'. The menu bar includes 'File', 'Edit', 'Options', 'Buffers', 'Tools', 'Sh-Script', and 'Help'. The toolbar contains icons for opening files, saving, undo, redo, and search. The main text area displays a shell script with the following content:

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

The status bar at the bottom shows the current buffer is 'lab07.sh' (All L4 (Shell-script)). Below the main text area, a search results window is open, displaying the following matches for 'HELLO' in the buffer:

```
U:*** lab07.sh All L4 (Shell-script) U:--- 1 All L1 (Fundamental)
5 matches for "HELLO" in buffer: lab07.sh
4: local HELLO=World
5: echo $HELLO
7: echo $HELLO
11: local HELLO=World
12: echo $HELLO
```

The status bar at the bottom also shows the search results: 'U:\*\*\* \*Occur\* All L1 (Occur) U:--- 3 All L1 (Fundamental) Searched 1 buffer; 5 matches'.

## Выводы

---

В ходе работы я познакомился с операционной системой Linux.  
Получил практические навыки работы с редактором Emacs.