

# Редактор Emacs

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# Цели и задачи работы

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## Цель лабораторной работы

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

1 Изучить возможности редактора Emacs

# **Процесс выполнения лабораторной работы**

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# Выполнение работы

## 1. Откроем Emacs.

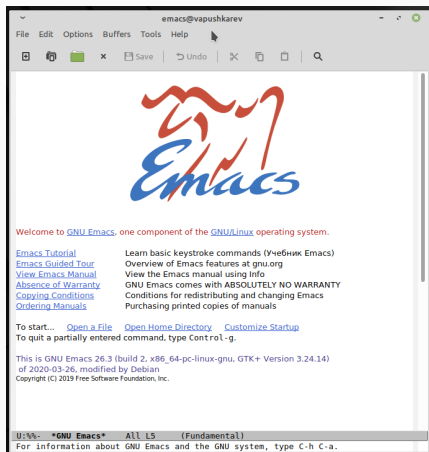
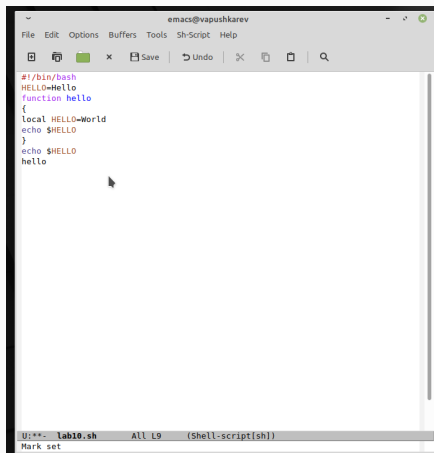


Figure 1: Запуск Emacs

# Выполнение работы



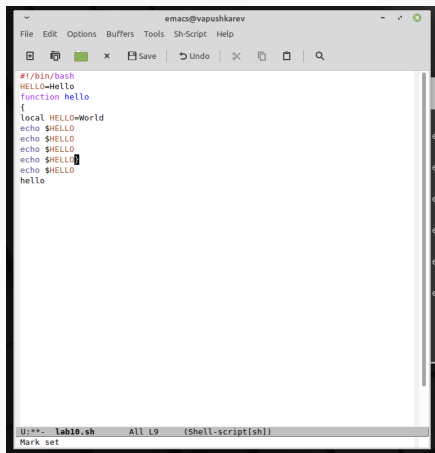
The image shows a screenshot of the Emacs text editor window. The title bar at the top reads "emacs@vapushkarev". The menu bar includes "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". The toolbar contains icons for file operations and editing. The main text area displays a new shell script with the following content:

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

The status bar at the bottom indicates the current file is "lab10.sh", the cursor is at "All L9", and the buffer is "(Shell-script[sh])". It also shows "Mark set".

Figure 2: Новый файл

# Выполнение работы



The image shows a screenshot of an Emacs editor window. The title bar at the top reads "emacs@vapushkarev". 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:

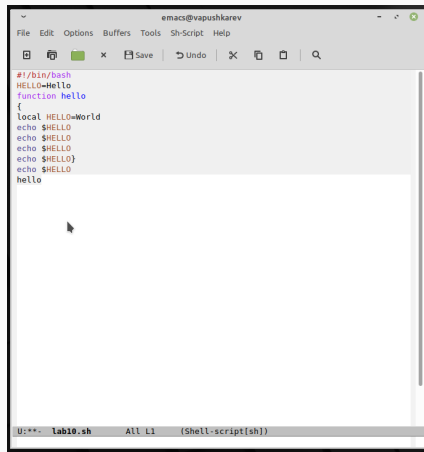
```
#!/bin/bash
HELLO=Hello
function hello
{
  local HELLO=World
  echo $HELLO
  echo $HELLO
  echo $HELLO
  echo $HELLO
  echo $HELLO
  echo $HELLO
  hello
}
```

The status bar at the bottom of the window shows "U:\*\*- lab10.sh All L9 (Shell-script[sh])" and "Mark set".

**Figure 3:** Операция вставка



# Выполнение работы



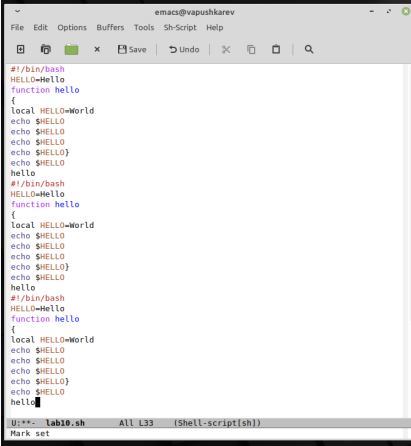
The screenshot shows an Emacs editor window titled 'emacs@vapushkarev'. The menu bar includes 'File', 'Edit', 'Options', 'Buffers', 'Tools', 'Sh-Script', and 'Help'. The toolbar contains icons for file operations and editing. The main text area displays a shell script with the following content:

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

The function definition block, from 'function hello' to the final 'hello' command, is highlighted with a light blue background. The status bar at the bottom shows 'U:\*\*\* lab10.sh All L1 (Shell-script[sh])'.

**Figure 4:** Выделение блока

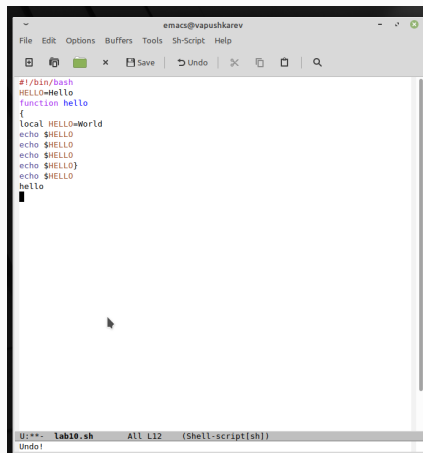
# Выполнение работы



```
emacs@vapushkarev
File Edit Options Buffers Tools Sh-Script Help
[Icons] Save Undo [Icons]
#!/bin/bash
HELLO=Hello
function hello
{
  local HELLO=World
  echo $HELLO
  echo $HELLO
  echo $HELLO
  echo $HELLO}
  echo $HELLO
  hello
#!/bin/bash
HELLO=Hello
function hello
{
  local HELLO=World
  echo $HELLO
  echo $HELLO
  echo $HELLO
  echo $HELLO}
  echo $HELLO
  hello
#!/bin/bash
HELLO=Hello
function hello
{
  local HELLO=World
  echo $HELLO
  echo $HELLO
  echo $HELLO
  echo $HELLO}
  echo $HELLO
  hello
U:*** lab10.sh All L33 (Shell-script[sh])
Mark set
```

Figure 5: Копирование блока

# Выполнение работы



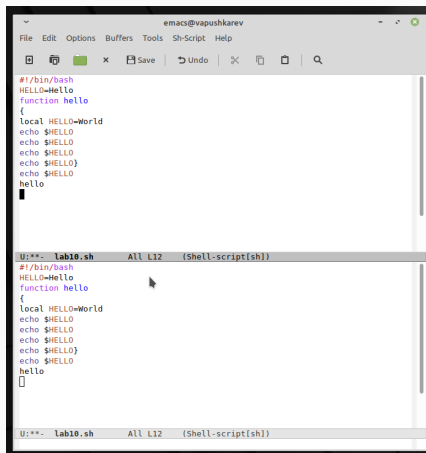
The screenshot shows the Emacs editor window titled 'emacs@vapushkarev'. The menu bar includes 'File', 'Edit', 'Options', 'Buffers', 'Tools', 'Sh-Script', and 'Help'. The toolbar contains icons for file operations and editing. The main text area displays a shell script with the following content:

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

The status bar at the bottom indicates the current buffer is 'lab10.sh', the cursor is at line 12, and the file is a shell script.

**Figure 6:** Удаление блока

# Выполнение работы



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

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

Below the script, a terminal window is open, showing the execution of the script. The terminal prompt is 'U:\*\*\*- lab10.sh All L12 (Shell-script{sh})'. The output of the script is displayed in the terminal:

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

The terminal window is split horizontally with the script editor, as indicated by the 'Horizontal Split' icon in the toolbar.

Figure 7: Горизонтальное разделение

# Выполнение работы

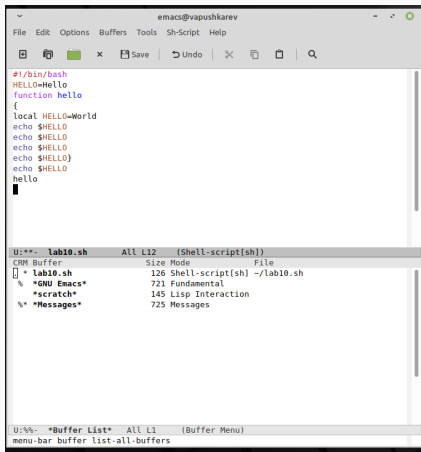


Figure 8: Переключение буфера

# Выполнение работы

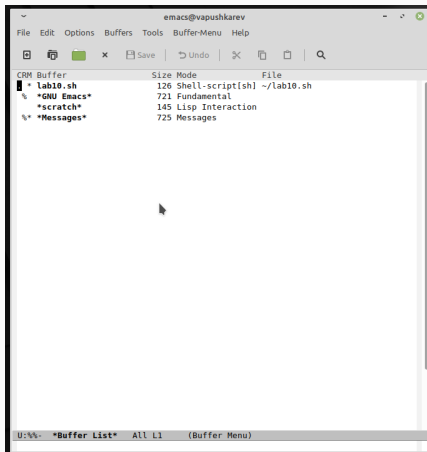
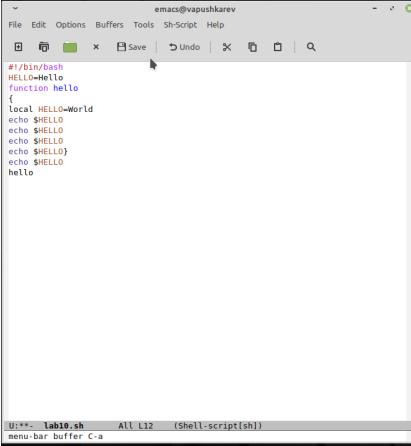


Figure 9: Закроем буфер

# Выполнение работы



The screenshot shows the Emacs editor interface. The title bar reads 'emacs@vapushkarev'. 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:

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

The status bar at the bottom indicates the current buffer is 'lab10.sh' at line 12, column 1, in a shell script mode. The text 'menu-bar buffer C-a' is visible below the status bar.

**Figure 10:** Переключение буфера

# Выполнение работы

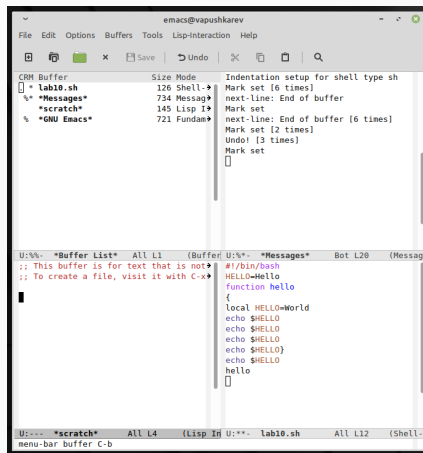


Figure 11: Четыре буфера



# Выполнение работы

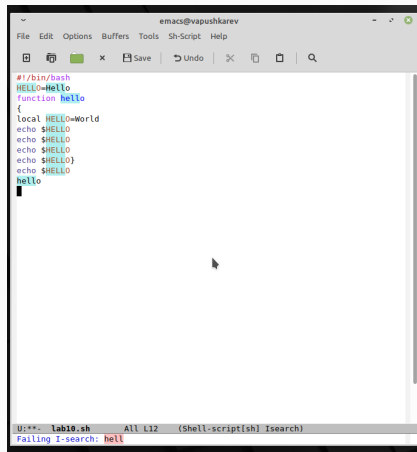


Figure 12: Режим поиска

## **Выводы по проделанной работе**

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В данной работе мы познакомились с еще одним редактором операционной системой Linux. Получили практические навыки работы с редактором Emacs.