

лабораторная работа 11

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






1. Ознакомиться с теоретическим материалом.
2. Ознакомиться с редактором etacs.
3. Выполнить упражнения.
4. Ответить на контрольные вопросы.

Открыть emacs

```
foot
[aabdullakhi@aabdullakhi ~]$ emacs &
[1] 5150
[aabdullakhi@aabdullakhi ~]$ MESA: error:
ZINK: failed to choose pdev
glx: failed to create drisw screen
failed to load driver: zink
[aabdullakhi@aabdullakhi ~]$
(emacs:5150): Gtk-CRITICAL **: 20:49:13.38
4: gtk_distribute_natural_allocation: asse
rtion 'extra_space >= 0' failed
[]
```

GNU Emacs - GNU Emacs at aabdullakhi

File Edit Options Buffers Tools Help

     Save

Welcome to [GNU Emacs](#), one component of t
he [GNU/Linux](#) operating system.

[Emacs Tutorial](#) Learn basic keystroke com
mands (Учебник Emacs)
[Emacs Guided Tour](#) Overview of
Emacs features at gnu.org
[View Emacs Manual](#) View the Em
acs manual using Info
[Absence of Warranty](#) GNU Emacs c
comes with **ABSOLUTELY NO WARRANTY**
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or redistributing and changing Emacs
[Ordering Manuals](#) Purchasing
printed copies of manuals

To start... [Open a File](#)
[Open Home Directory](#)
[Customize Startup](#)
[Explore Packages](#)

To quit a partially entered command, type C
ontrol-g.

This is GNU Emacs 29.3 (build 1, x86_64-red
hat-linux-gnu, GTK+ Version
3.24.41, cairo version 1.18.0) of 2024-03
-25
Copyright (C) 2024 Free Software Foundation, Inc.

Создать файл lab07.sh

```
. . . . .
AL **: 20:49
:13.384: gtk
_distribute_
natural_allo
cation: asse
rtion 'extra
_space >= 0'
failed
[aabdullakhi
@aabdullakhi
~]$
```

To quit a partially entered command, type Control

-g.

This is GNU Emacs 29.3 (build 1, x86_64-redhat-linu
x-gnu, GTK+ Version
3.24.41, cairo version 1.18.0) of 2024-03-25
Copyright (C) 2024 Free Software Foundation, Inc.

U:%%- *GNU Emacs* All L17 (Fundamental)

Find file: ~/lab07.sh

охранить файл с помощью комбинации Ctrl-x Ctrl-s (C-x C-s)

```
U:--- lab07.sh      All  L8  (Shell-script  
Wrote /home/aabdullakhi/lab07.sh
```

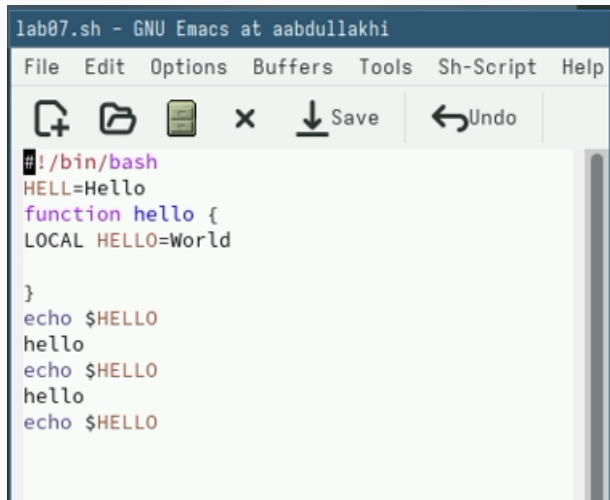
Переместите курсор в начало строки (C-a)

```
}  
echo $HELLO  
hello  
echo $HELLO  
hello  
echo $HELLO
```

Переместите курсор в конец строки (C-e)

```
}  
echo $HELLO  
hello  
echo $HELLO  
hello  
echo $HELLO
```

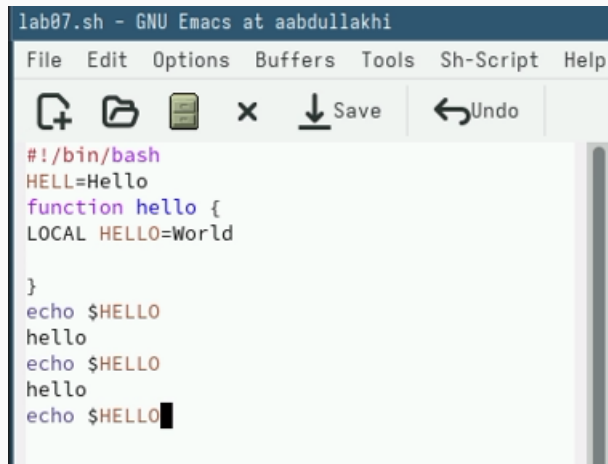

Переместите курсор в начало буфера (M-<)



The screenshot shows the GNU Emacs editor interface. The title bar reads "lab07.sh - GNU Emacs at aabdullakhi". The menu bar includes "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". The toolbar contains icons for opening a file, saving, closing, and buttons for "Save" and "Undo". The main text area displays a shell script buffer with the following content:

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

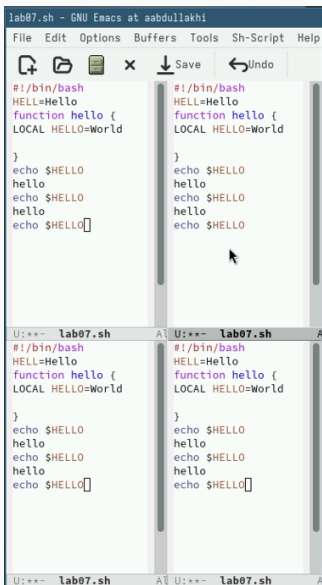
Переместите курсор в конец буфера



```
lab07.sh - GNU Emacs at aabdullakhi
File Edit Options Buffers Tools Sh-Script Help
[Icons: Open, Save, Undo, etc.]

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

Поделите фрейм на 4 части



The screenshot shows a GNU Emacs window titled "lab07.sh - GNU Emacs at aabdullakhi". The menu bar includes "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". The toolbar contains icons for opening a file, saving, undo, and a "Save" button. The main area is divided into four frames, each displaying the same shell script:

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

The frames are arranged in a 2x2 grid. The top-left frame is the active frame, indicated by a mouse cursor. The bottom-right frame is also active, as indicated by a mouse cursor. The frames are labeled "U:*** lab07.sh" in the title bar.

Режим поиска



спасибо за внимание
