

Редактор Emacs

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Цели и задачи работы

Цель лабораторной работы

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

1 Изучить возможности редактора Emacs

Процесс выполнения лабораторной работы

Выполнение работы

1. Откроем Emacs.

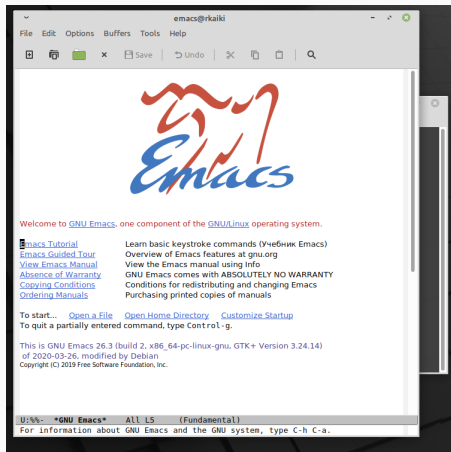
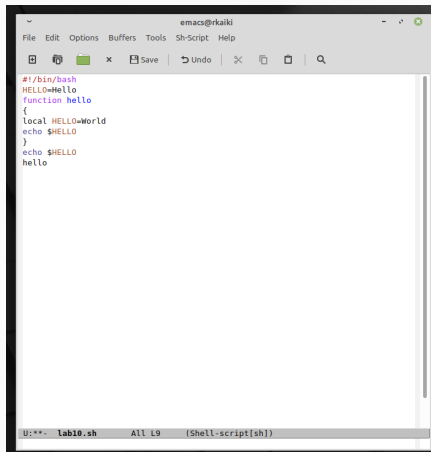


Figure 1: Запуск Emacs

Выполнение работы



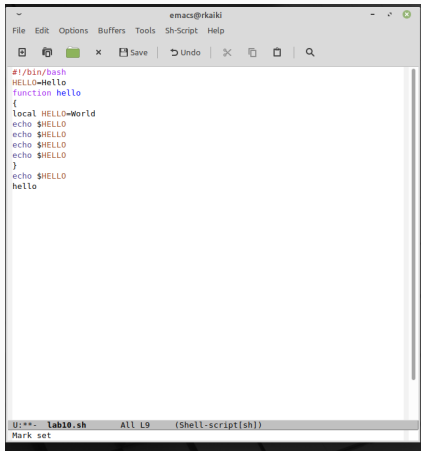
The image shows a screenshot of the Emacs text editor window. The title bar at the top reads "emacs@rkaiki". Below the title bar is a menu bar with the following items: "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". Under the menu bar is a toolbar with icons for file operations (new, open, save, undo, redo, find) and a search icon. The main editing area contains the following text:

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

At the bottom of the window, the status bar displays "U:***- lab10.sh All L9 (Shell-script[sh])".

Figure 2: Новый файл

Выполнение работы



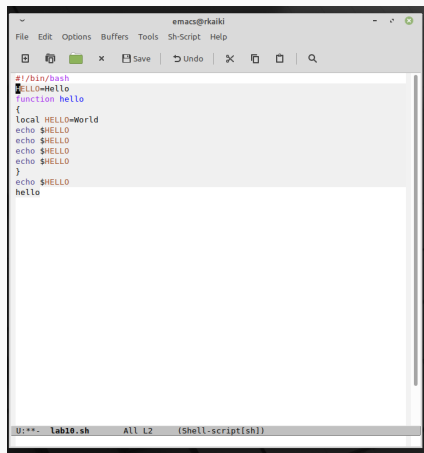
The image shows a screenshot of an Emacs editor window. The title bar at the top reads "emacs@rkaiki". Below the title bar is a menu bar with "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". Underneath the menu bar is a toolbar with icons for file operations and editing. The main text area contains 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
```

At the bottom of the window, there is a status bar that displays "U:**- lab10.sh All L9 (Shell-script[sh])" and "Mark set".

Figure 3: Операция вставка

Выполнение работы



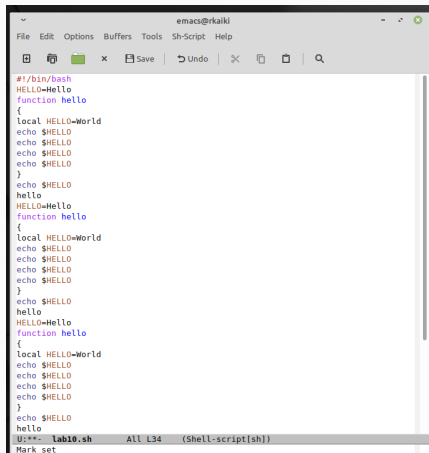
The screenshot shows the Emacs editor window titled 'emacs@rkaiki'. The menu bar includes 'File', 'Edit', 'Options', 'Buffers', 'Tools', 'Sh-Script', and 'Help'. The toolbar contains icons for file operations and search. The editor buffer contains the following shell script code:

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

The code block from 'function hello' to the closing brace '}' is highlighted in a light blue color. The status bar at the bottom shows 'U:**- lab10.sh All LZ (Shell-script[sh])'.

Figure 4: Выделение блока

Выполнение работы



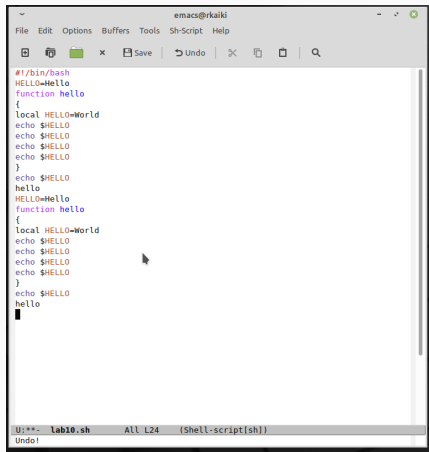
The screenshot shows an Emacs editor window titled 'emacs@rkaiki'. The menu bar includes 'File', 'Edit', 'Options', 'Buffers', 'Tools', 'Sh-Script', and 'Help'. The toolbar contains icons for file operations and editing. The main text area displays a shell script with the following content:

```
#!/bin/bash
HELLO=Hello
function hello
{
  local HELLO=World
  echo $HELLO
  echo $HELLO
  echo $HELLO
  echo $HELLO
}
echo $HELLO
hello
HELLO=Hello
function hello
{
  local HELLO=World
  echo $HELLO
  echo $HELLO
  echo $HELLO
  echo $HELLO
}
echo $HELLO
hello
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 'U:**- lab10.sh All L34 (Shell-script(sh))' and 'Mark set'.

Figure 5: Копирование блока

Выполнение работы



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

U: *- Lab10.sh All L24 (Shell-script[sh])
Undo!

Figure 6: Удаление блока

Выполнение работы

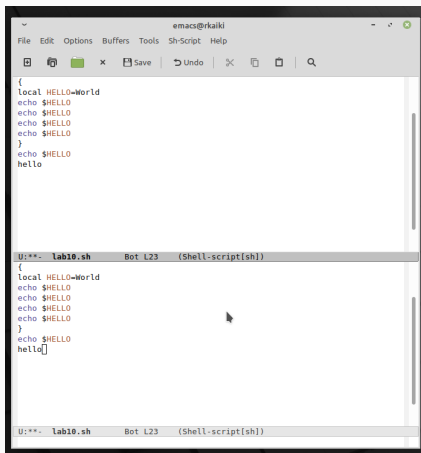


Figure 7: Горизонтальное разделение

Выполнение работы

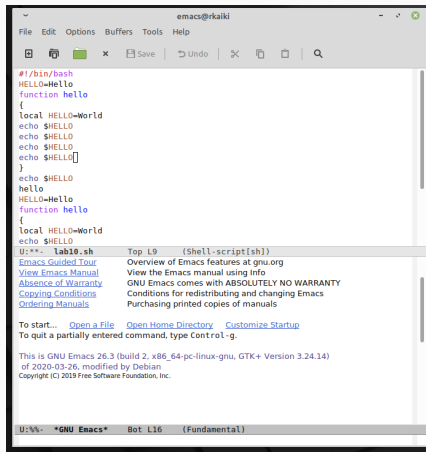
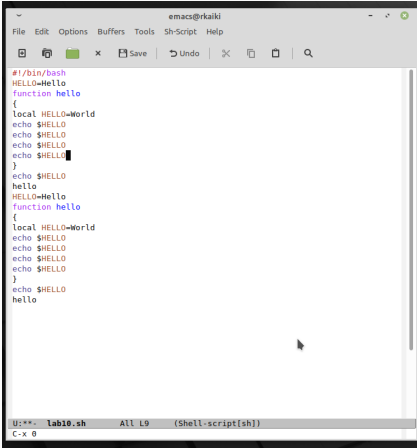


Figure 8: Переключение буфера

Выполнение работы



The screenshot shows an Emacs editor window titled 'emacs@rkaiki'. 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
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 9, and the file is a shell script.

Figure 9: Закроем буфер

Выполнение работы

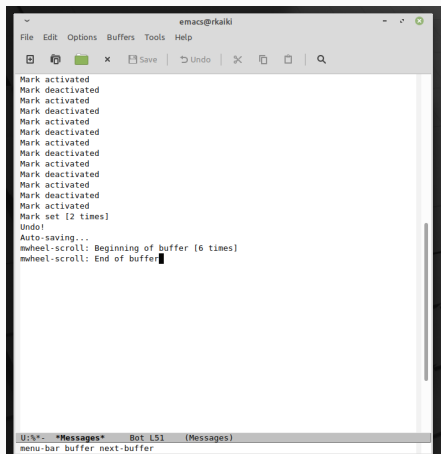


Figure 10: Переключение буфера

Выполнение работы

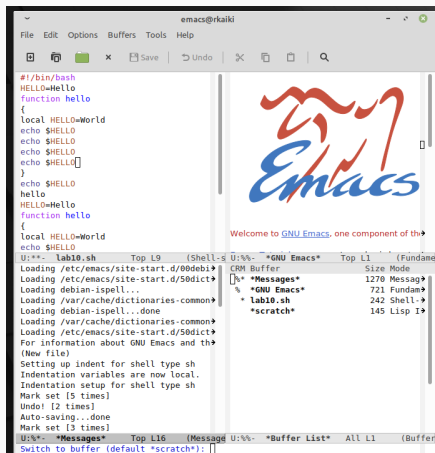
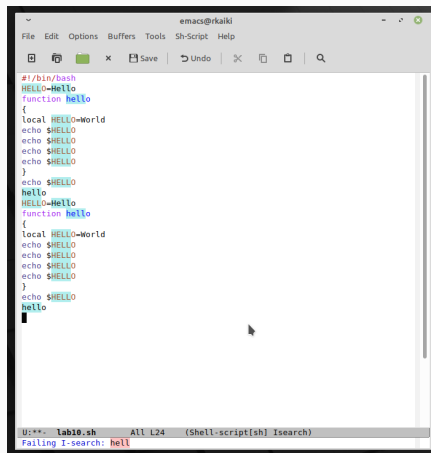


Figure 11: Четыре буфера

Выполнение работы



The image shows the Emacs editor window titled 'emacs@rkaiki'. 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 syntax highlighting: comments are green, function names are purple, local variables are cyan, and code is black. The script defines a 'hello' function that prints 'HELLO-Hello' and 'HELLO-World'. The status bar at the bottom shows 'U*** lab10.sh All L24 (Shell-script[sh] Isearch)' and 'Failing I-search: hell'.

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

Figure 12: Режим поиска

Выводы по проделанной работе

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