

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.

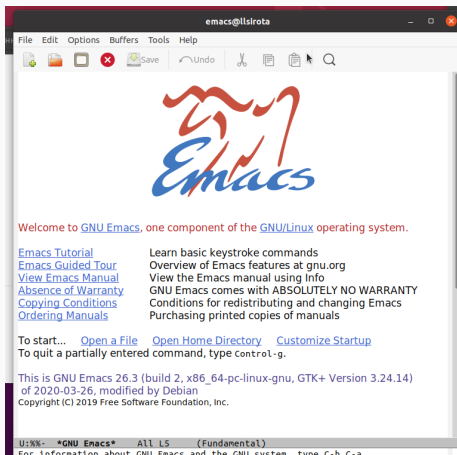
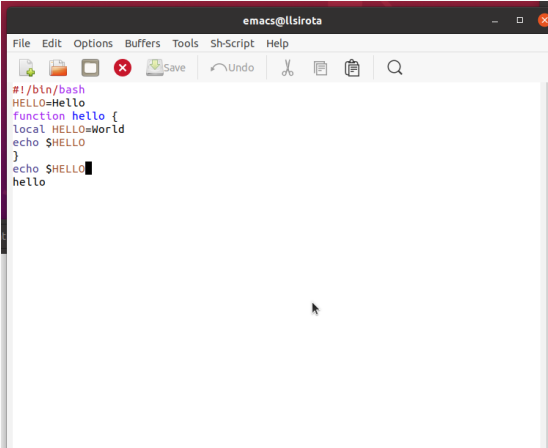


Рис. 1: Запуск Emacs

Выполнение работы



The image shows a screenshot of the Emacs editor window. The title bar at the top reads "emacs@llsirota". 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 opening a file, saving a file, undo, redo, and search. The main editing area contains the following text:

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

The cursor is positioned at the end of the last line, "hello".

Рис. 2: Новый файл

Выполнение работы

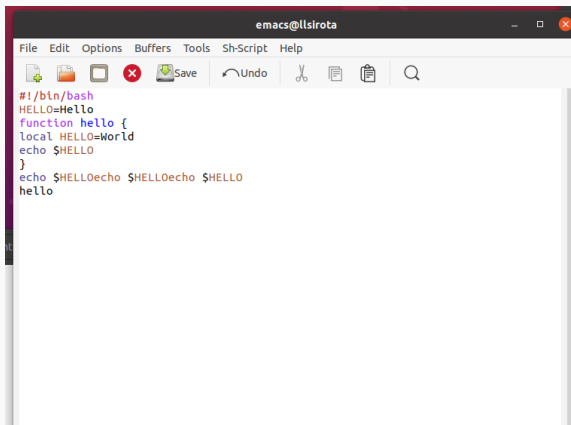
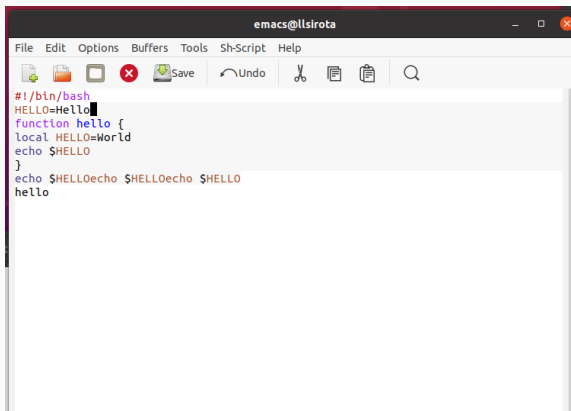


Рис. 3: Операция вставка

Выполнение работы



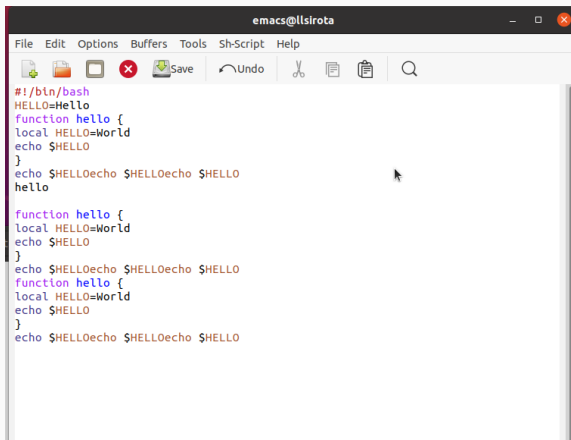
The screenshot shows the Emacs editor window titled 'emacs@lslirota'. The menu bar includes 'File', 'Edit', 'Options', 'Buffers', 'Tools', 'Sh-Script', and 'Help'. The toolbar contains icons for file operations (new, open, save, close), editing (undo, redo, cut, copy, paste), and search. The text area contains a shell script with the following content:

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

The block of code from 'function hello {' to '}' is highlighted in a light blue background, indicating it is selected.

Рис. 4: Выделение блока

Выполнение работы



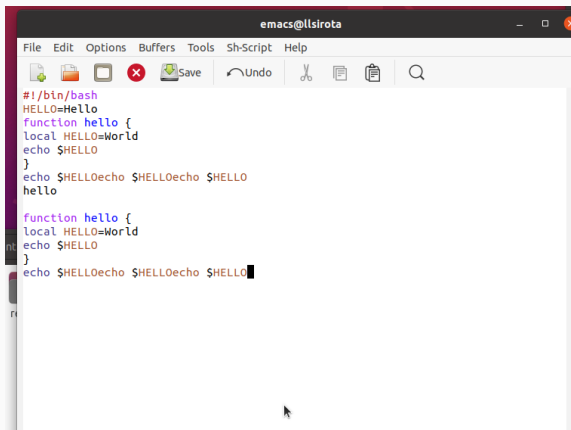
The screenshot shows the Emacs editor window titled "emacs@l1sirota". The menu bar includes "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". The toolbar contains icons for file operations (new, open, save, close), editing (undo, redo, cut, copy, paste), and search. The main text area displays a shell script with the following content:

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

function hello {
  local HELLO=World
  echo $HELLO
}
echo $HELLOecho $HELLOecho $HELLO
function hello {
  local HELLO=World
  echo $HELLO
}
echo $HELLOecho $HELLOecho $HELLO
```

Рис. 5: Копирование блока

Выполнение работы

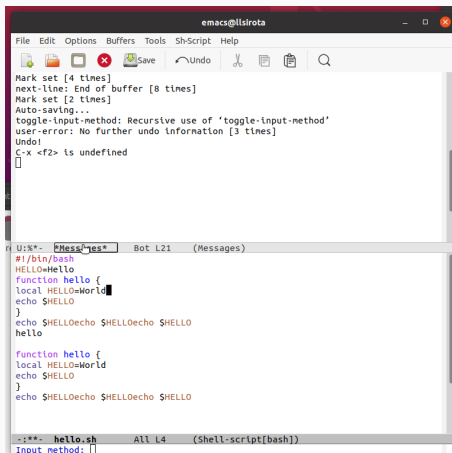


```
#!/bin/bash
HELLO=Hello
function hello {
  local HELLO=World
  echo $HELLO
}
echo $HELLOecho $HELLOecho $HELLO
hello

function hello {
  local HELLO=World
  echo $HELLO
}
echo $HELLOecho $HELLOecho $HELLO
echo $HELLOecho $HELLOecho $HELLO
```

Рис. 6: Удаление блока

Выполнение работы



The screenshot shows the Emacs editor window titled 'emacs@ilsirota'. The interface is split horizontally into two panes. The top pane displays a series of error messages from Emacs, including 'Mark set [4 times]', 'next-line: End of buffer [8 times]', 'Mark set [2 times]', 'Auto-saving...', 'toggle-input-method: Recursive use of 'toggle-input-method'', 'user-error: No further undo information [3 times]', 'Undo!', and 'C-x <f2> is undefined'. The bottom pane is divided into two sections. The top section, titled 'U:~*~* _hess_~*~* Bot L21 (Messages)', shows a shell script snippet:

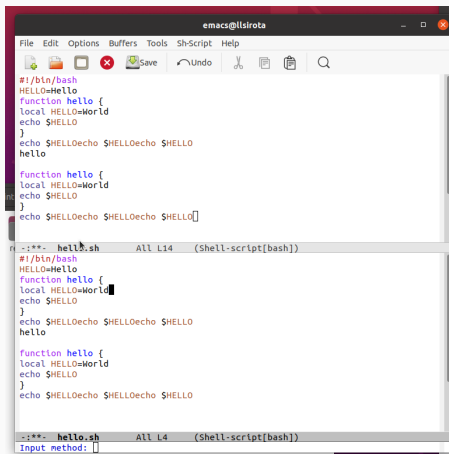
```
#!/bin/bash
HELLO=Hello
function hello {
  local HELLO=World
  echo $HELLO
}
echo $HELLOecho $HELLOecho $HELLO
hello

function hello {
  local HELLO=World
  echo $HELLO
}
echo $HELLOecho $HELLOecho $HELLO
```

. The bottom section, titled '~*~*~* _hello.sh All L4 (Shell-script[bash])', shows the prompt 'Input method:' followed by a cursor.

Рис. 7: Горизонтальное разделение

Выполнение работы



The screenshot shows the Emacs editor window titled 'emacs@lslirota'. The menu bar includes 'File', 'Edit', 'Options', 'Buffers', 'Tools', 'Sh-Script', and 'Help'. The toolbar contains icons for Save, Undo, Cut, Copy, Paste, and Search. The main text area displays a shell script with the following content:

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

function hello {
  local HELLO=World
  echo $HELLO
}
echo $HELLOecho $HELLOecho $HELLO
```

Below the script, the output of the script execution is shown in a buffer titled 'hello.sh' (All L14 (Shell-script[bash])):

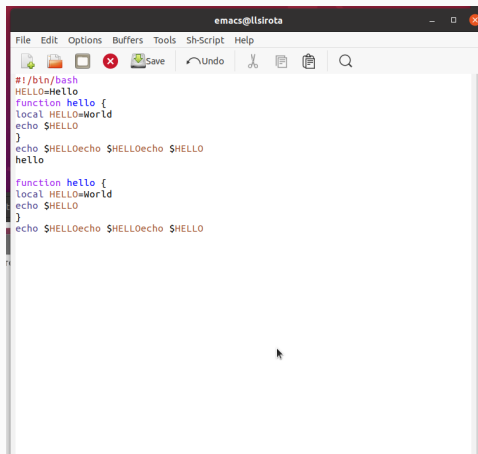
```
#!/bin/bash
HELLO=Hello
function hello {
  local HELLO=World
  echo $HELLO
}
echo $HELLOecho $HELLOecho $HELLO
hello

function hello {
  local HELLO=World
  echo $HELLO
}
echo $HELLOecho $HELLOecho $HELLO
```

At the bottom, another buffer titled 'hello.sh' (All L4 (Shell-script[bash])) is visible, showing the prompt 'Input method: '.

Рис. 8: Переключение буфера

Выполнение работы



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

function hello {
  local HELLO=World
  echo $HELLO
}
echo $HELLOecho $HELLOecho $HELLO
```

Рис. 9: Закроем буфер

Выполнение работы

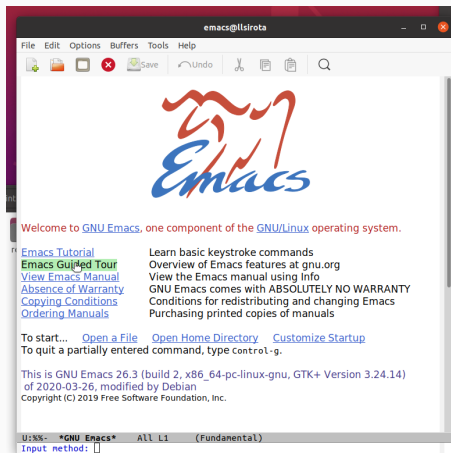


Рис. 10: Переключение буфера

Выполнение работы

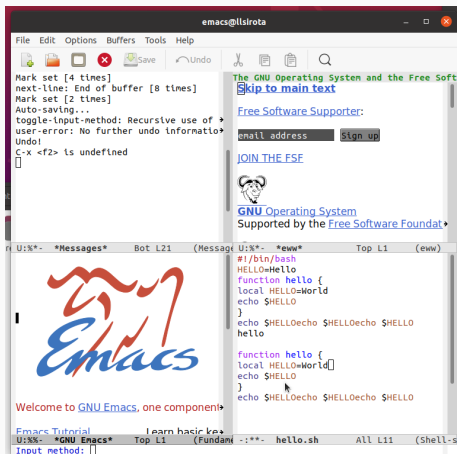
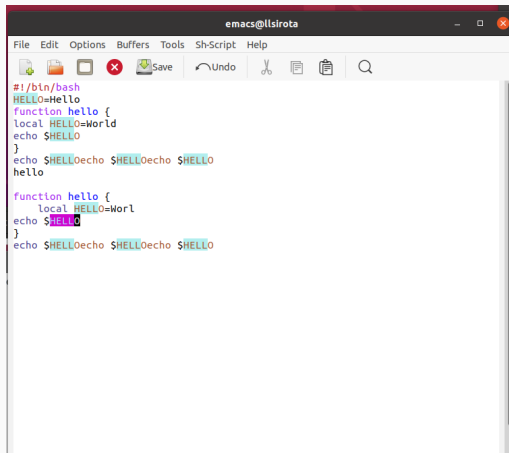


Рис. 11: Четыре буфера

Выполнение работы



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

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

function hello {
  local HELLO=World
  echo $HELLO
}
echo $HELLOecho $HELLOecho $HELLO
```

Рис. 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.