

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.

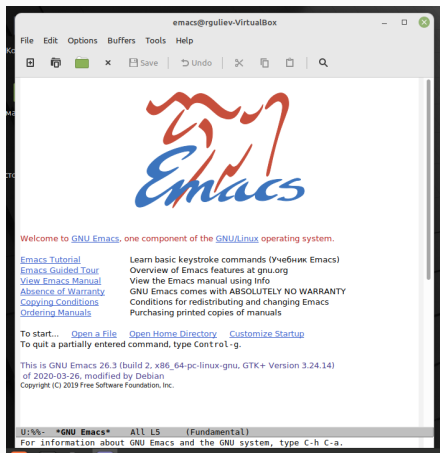
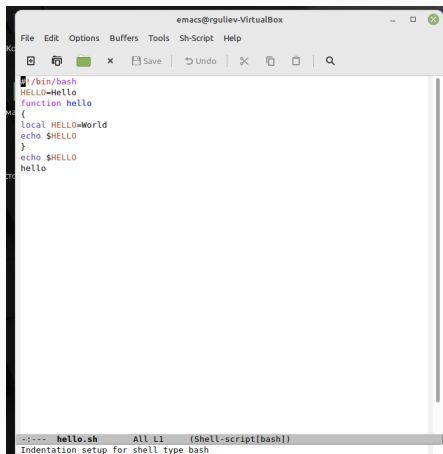


Figure 1: Запуск Emacs

Выполнение работы



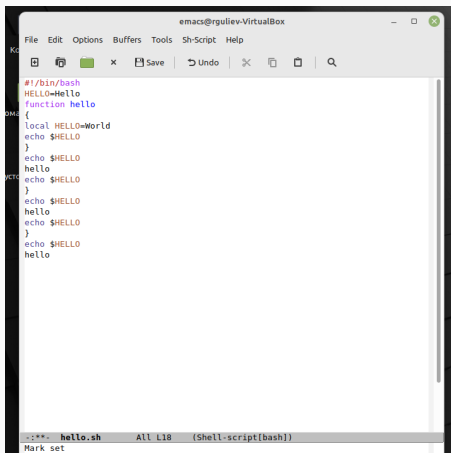
The screenshot shows the Emacs editor interface within a VirtualBox window titled 'emacs@rguliev-VirtualBox'. The menu bar includes 'File', 'Edit', 'Options', 'Buffers', 'Tools', 'Sh-Script', and 'Help'. The toolbar contains icons for file operations and editing. The main text area displays a shell script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

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

The status bar at the bottom indicates the file is 'hello.sh', line 11, column 1, and is a shell script. It also shows the indentation setup for the shell type.

Figure 2: Новый файл

Выполнение работы



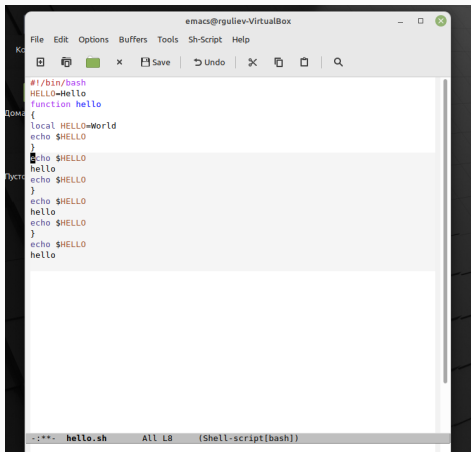
The screenshot shows an Emacs editor window titled "emacs@rguliev-VirtualBox". The menu bar includes "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". The toolbar contains icons for file operations and editing. The main text area displays a shell script with the following content:

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

The status bar at the bottom indicates the current file is "hello.sh", the cursor is at line 18, and the buffer is "(Shell-script(bash))". It also shows "Mark set".

Figure 3: Операция вставка

Выполнение работы



The screenshot shows an Emacs editor window titled "emacs@rguliev-VirtualBox". 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
hello
echo $HELLO
}
echo $HELLO
hello
echo $HELLO
}
echo $HELLO
hello
```

A rectangular block of the script, from the line "function hello" to the end of the "hello" function definition, is highlighted in light gray. The status bar at the bottom shows "--*- hello.sh All L8 (Shell-script[bash])".

Figure 4: Выделение блока

Выполнение работы

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

```

echo $HELLO
}
echo $HELLO
hello

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

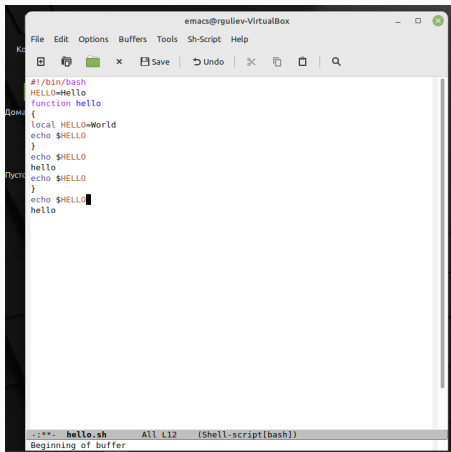
echo $HELLO
hello
echo $HELLO
}
echo $HELLO
hello
echo $HELLO
}
echo $HELLO
}
echo $HELLO
hello

```

The status bar at the bottom shows '--- hello.sh', 'Bot L50', and '(Shell-script(bash))'.

Figure 5: Копирование блока

Выполнение работы



The screenshot shows an Emacs editor window titled "emacs@rguliev-VirtualBox". 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
hello
echo $HELLO
}
echo $HELLO
hello
```

The status bar at the bottom indicates the current buffer is "hello.sh", line 12, column 1, and it is a shell script.

Figure 6: Удаление блока

Выполнение работы

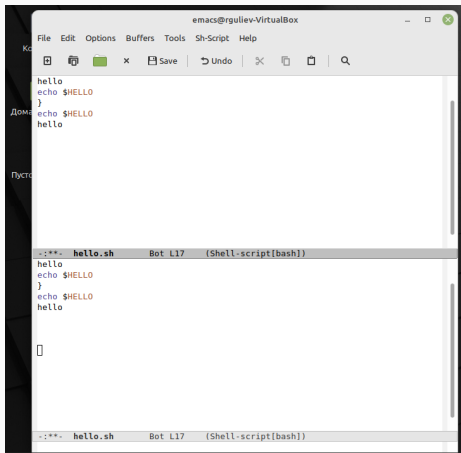


Figure 7: Горизонтальное разделение

Выполнение работы

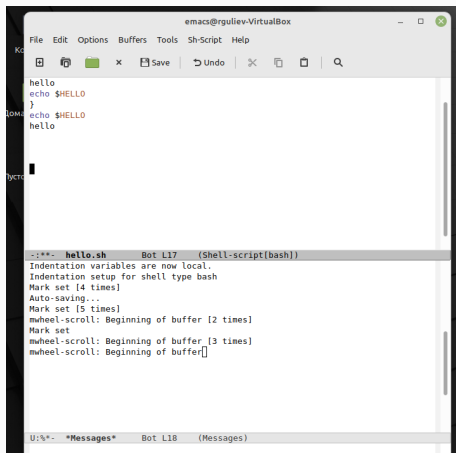


Figure 8: Переключение буфера

Выполнение работы

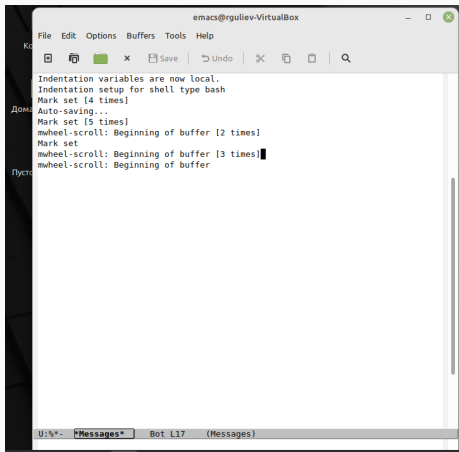
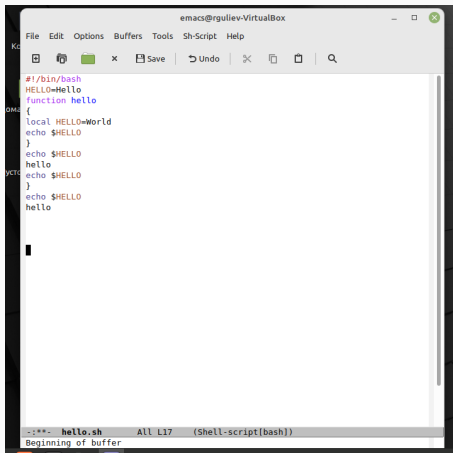


Figure 9: Закроем буфер

Выполнение работы



```
File Edit Options Buffers Tools Sh-Script Help
Kc
x Save Undo
#!/bin/bash
HELLO=Hello
function hello
{
  local HELLO=World
  echo $HELLO
}
echo $HELLO
hello
echo $HELLO
}
echo $HELLO
hello

--*- hello.sh All L17 (Shell-script(bash))
Beginning of buffer
```

Figure 10: Переключение буфера

Выполнение работы

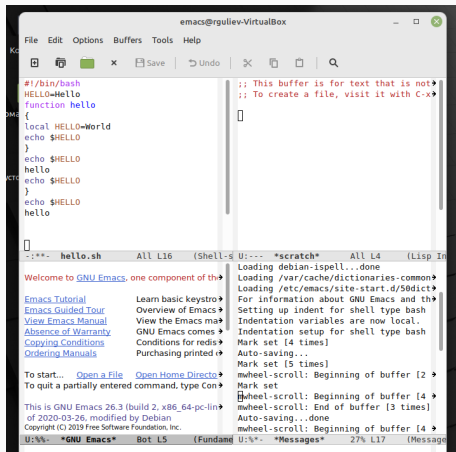
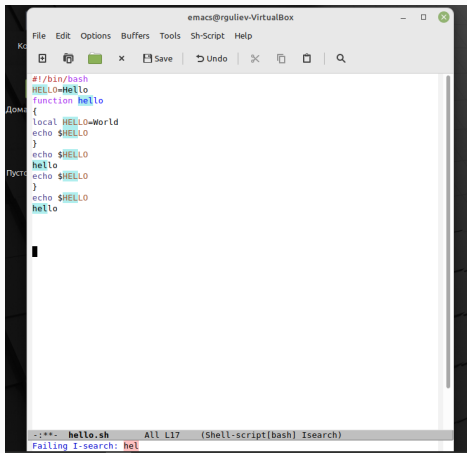


Figure 11: Четыре буфера

Выполнение работы



The screenshot shows the Emacs editor window titled 'emacs@rguliev-VirtualBox'. The menu bar includes 'File', 'Edit', 'Options', 'Buffers', 'Tools', 'Sh-Script', and 'Help'. The toolbar contains icons for file operations 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 $HELLO
hello
echo $HELLO
}
echo $HELLO
hello
```

The status bar at the bottom indicates the current file is 'hello.sh', line 17, and the search mode is '(Shell-script(bash) Isearch)'. The search string 'Failing I-search: hel' is visible in the status bar.

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.