МІНЕСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ

Одеський національний політехнічний університет

Інститут комп’ютерних систем

Кафедра інформаційних систем

Звіт Лабораторної роботи № 3

З предмету «Операційні системи»

Тема: «Складна обробка текстових даних засобами оболонки Unix подібних ОС інтерфейсу командного рядка»

Виконала: Студентка групи АІ-205

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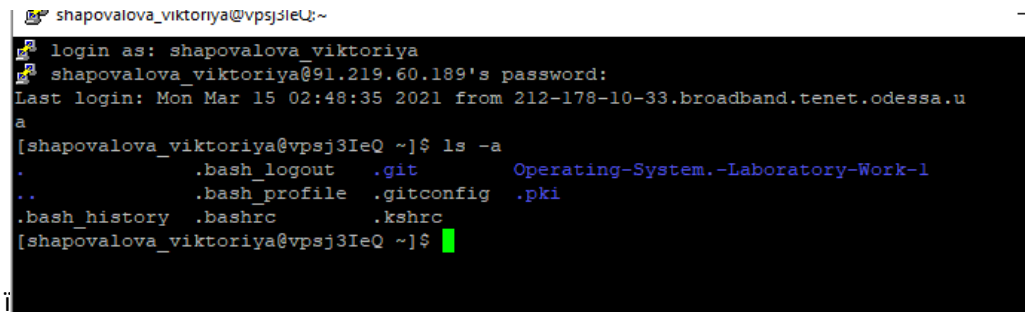
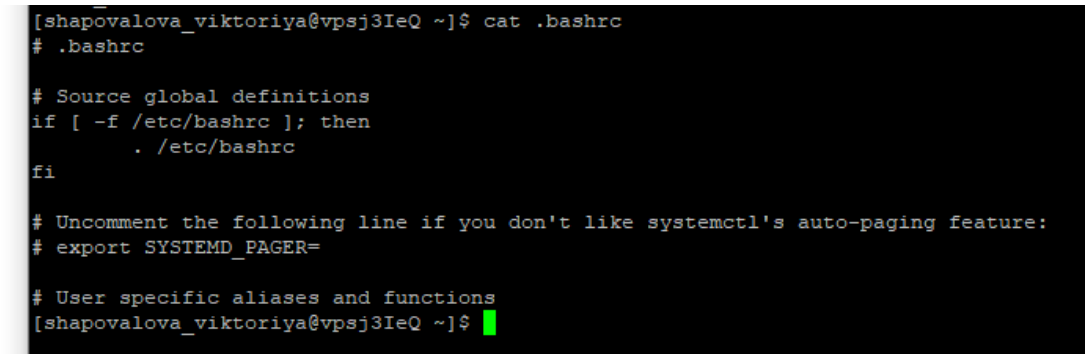
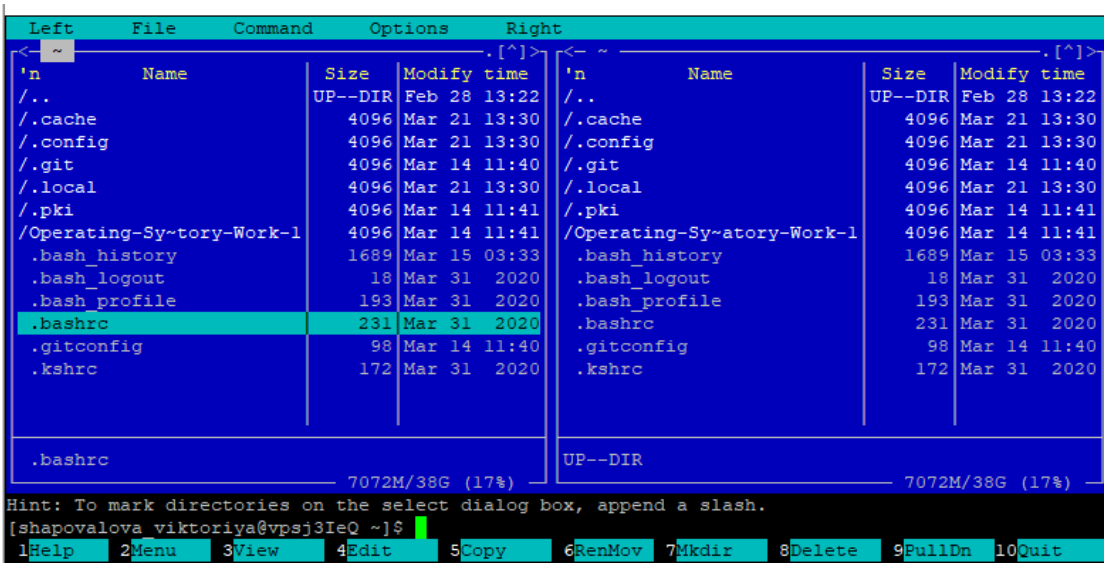
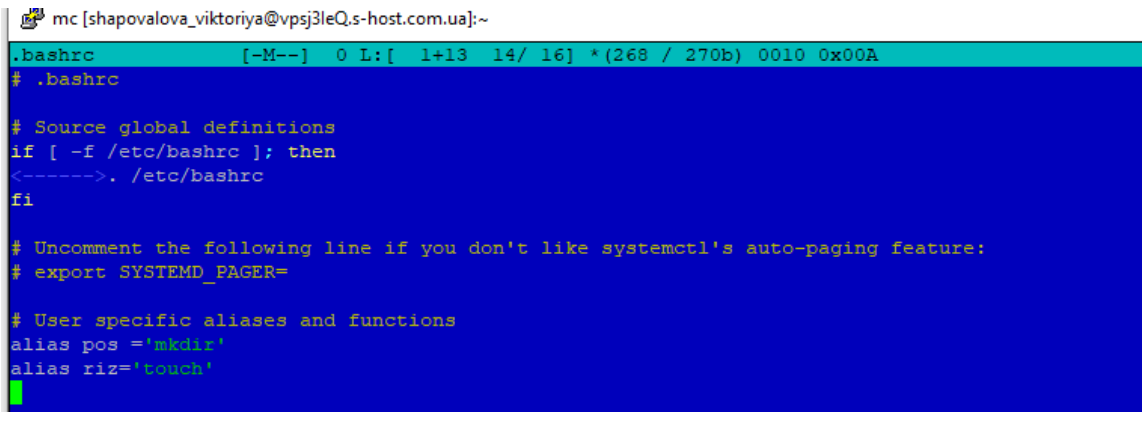
Перевірили: Блажко А. А. Дрозд М. А.

Одеса 2021


shapovalova_viktoriya@vpsj3IeQ:~
login as: shapovalova_viktoriya
shapovalova_viktoriya@91.219.60.189's password:
Last login: Mon Mar 15 02:48:35 2021 from 212-178-10-33.broadband.tenet.odessa.u
a
[shapovalova_viktoriya@vpsj3IeQ ~]$ ls -a
. .bash_logout .git Operating-System.-Laboratory-Work-1
.. .bash_profile .gitconfig .pki
.bash_history .bashrc .kshrc
[shapovalova_viktoriya@vpsj3IeQ ~]$


[shapovalova_viktoriya@vpsj3IeQ ~]$ cat .bashrc
# .bashrc
# Source global definitions
if [-f /etc/bashrc]; then
. /etc/bashrc
fi
Uncomment the following line if you don't like systemctl's auto-paging feature:
export SYSTEMD_PAGER=
User specific aliases and functions
[shapovalova_viktoriya@vpsj3IeQ ~]$


Left File Command Options Right
~
'n Name Size Modify time
/.. UP--DIR Feb 28 13:22
/.cache 4096 Mar 21 13:30
/.config 4096 Mar 21 13:30
/.git 4096 Mar 14 11:40
/.local 4096 Mar 21 13:30
/.pki 4096 Mar 14 11:41
/Operating-Sy~tory-Work-1 4096 Mar 14 11:41
.bash_history 1689 Mar 15 03:33
.bash_logout 18 Mar 31 2020
.bash_profile 193 Mar 31 2020
.bashrc 231 Mar 31 2020
.gitconfig 98 Mar 14 11:40
.kshrc 172 Mar 31 2020
.bashrc
7072M/38G (17%)
~
'n Name Size Modify time
/.. UP--DIR Feb 28 13:22
/.cache 4096 Mar 21 13:30
/.config 4096 Mar 21 13:30
/.git 4096 Mar 14 11:40
/.local 4096 Mar 21 13:30
/.pki 4096 Mar 14 11:41
/Operating-Sy~atory-Work-1 4096 Mar 14 11:41
.bash_history 1689 Mar 15 03:33
.bash_logout 18 Mar 31 2020
.bash_profile 193 Mar 31 2020
.bashrc 231 Mar 31 2020
.gitconfig 98 Mar 14 11:40
.kshrc 172 Mar 31 2020
UP--DIR
7072M/38G (17%)
Hint: To mark directories on the select dialog box, append a slash.
[shapovalova_viktoriya@vpsj3IeQ ~]$
1Help 2Menu 3View 4Edit 5Copy 6RenMov 7Mkdir 8Delete 9PullDn 10Quit


mc [shapovalova_viktoriya@vpsj3leQ.s-host.com.ua]:~
.bashrc [-M--] 0 L:[1+13 14/ 16] *(268 / 270b) 0010 0x00A
# .bashrc
# Source global definitions
if [-f /etc/bashrc]; then
<------>. /etc/bashrc
fi
Uncomment the following line if you don't like systemctl's auto-paging feature:
export SYSTEMD_PAGER=
User specific aliases and functions
alias pos ='mkdir'
alias riz='touch'

Z

```
[shapovalova_viktoriya@vpsj3IeQ ~]$ riz file
[shapovalova_viktoriya@vpsj3IeQ ~]$ ls
file  Operating-System.-Laboratory-Work-1  shapovalova_lab_3
[shapovalova_viktoriya@vpsj3IeQ ~]$
```

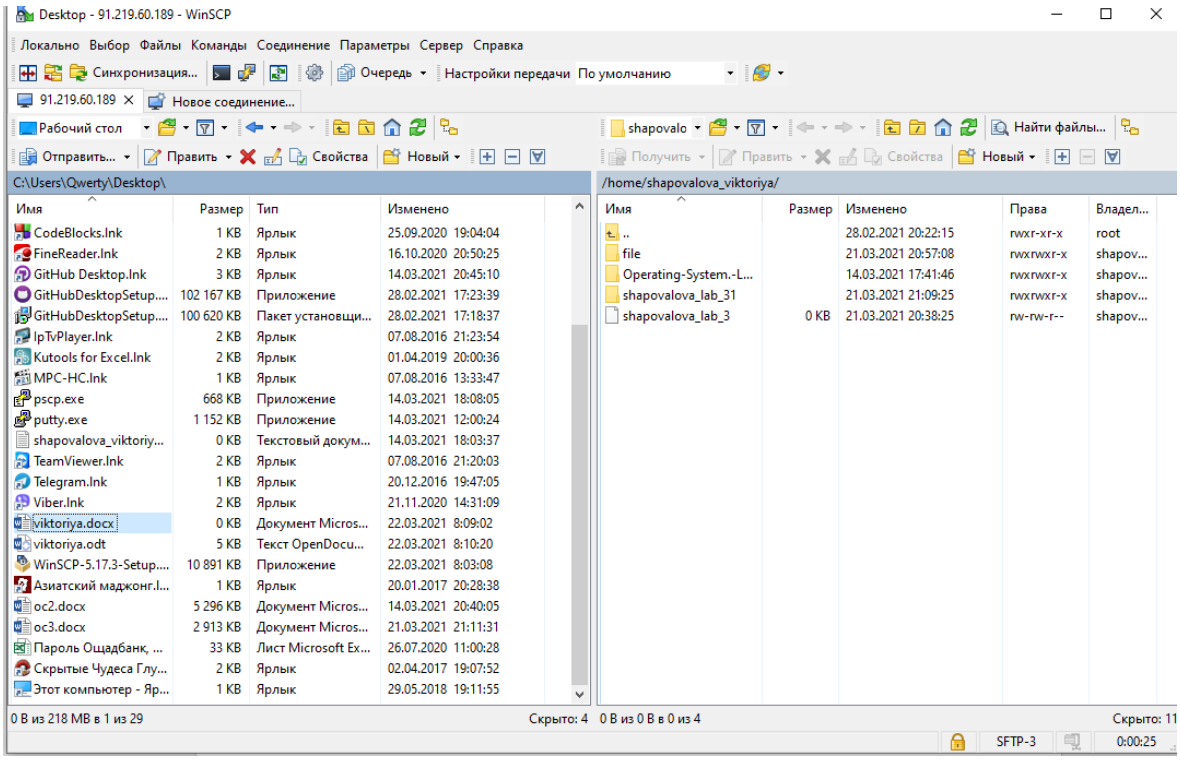
```
[shapovalova_viktoriya@vpsj3IeQ ~]$  pos shapovalova_lab_31
[shapovalova_viktoriya@vpsj3IeQ ~]$ cd shapovalova_lab_31
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$
```

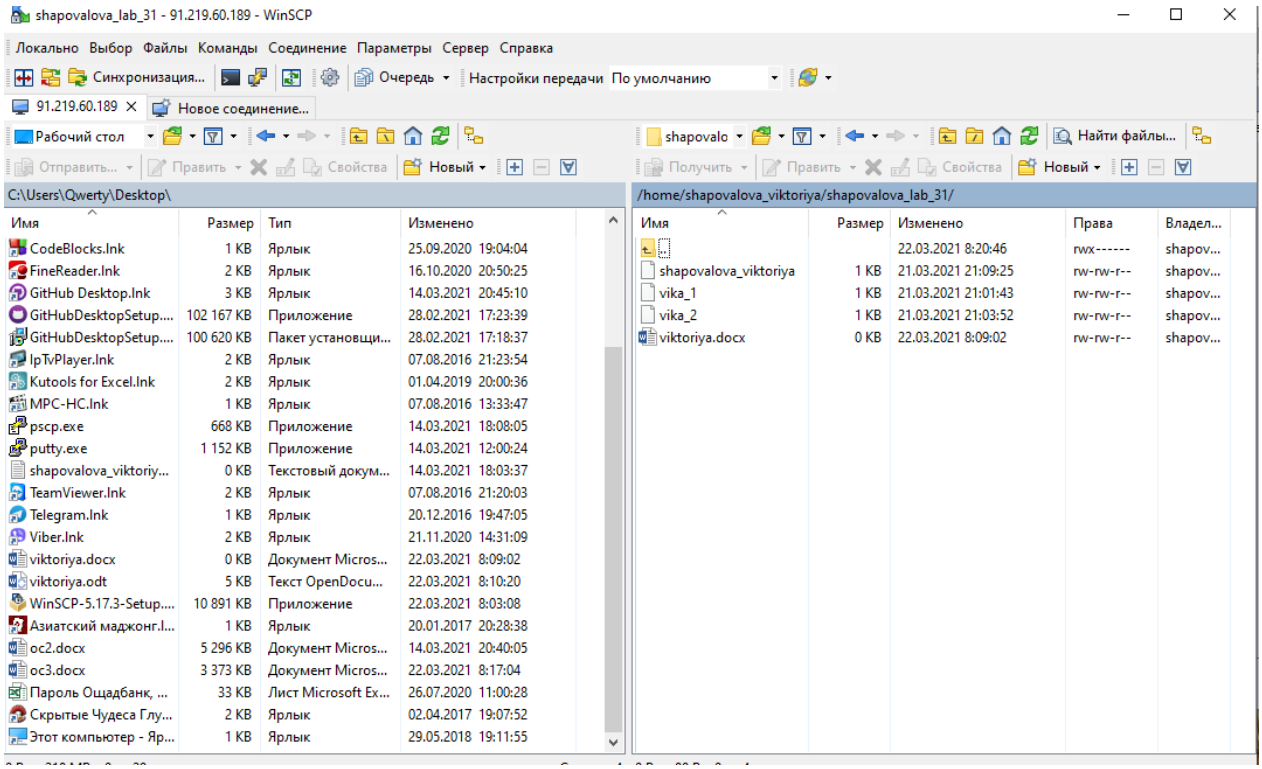
```
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ cat > vika_1
AI-205
21.03.2021
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ cat vika_1
AI-205
21.03.2021
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$
```

```
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ echo 'Shapovalova Viktoriya'> vika_2
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ cat vika_1 vika_2> shapovalova_viktoriya
```

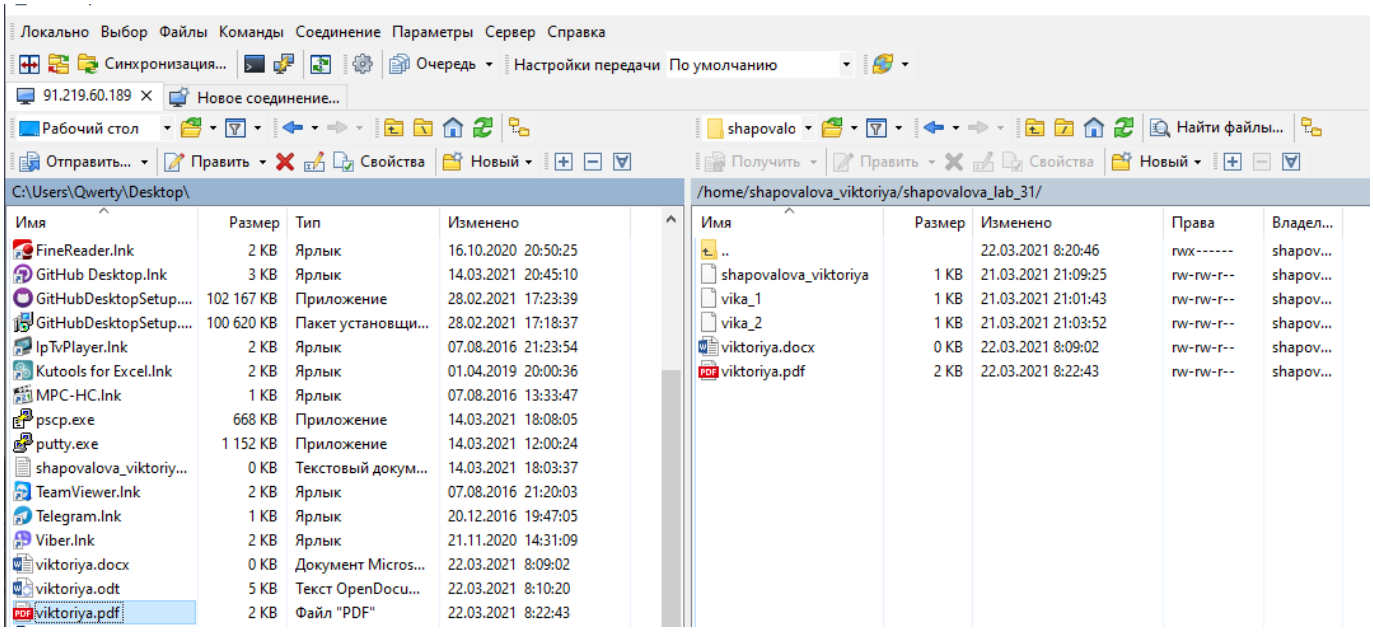
```
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ cat shapovalova_viktoriya
AI-205
21.03.2021
Shapovalova Viktoriya
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$
```

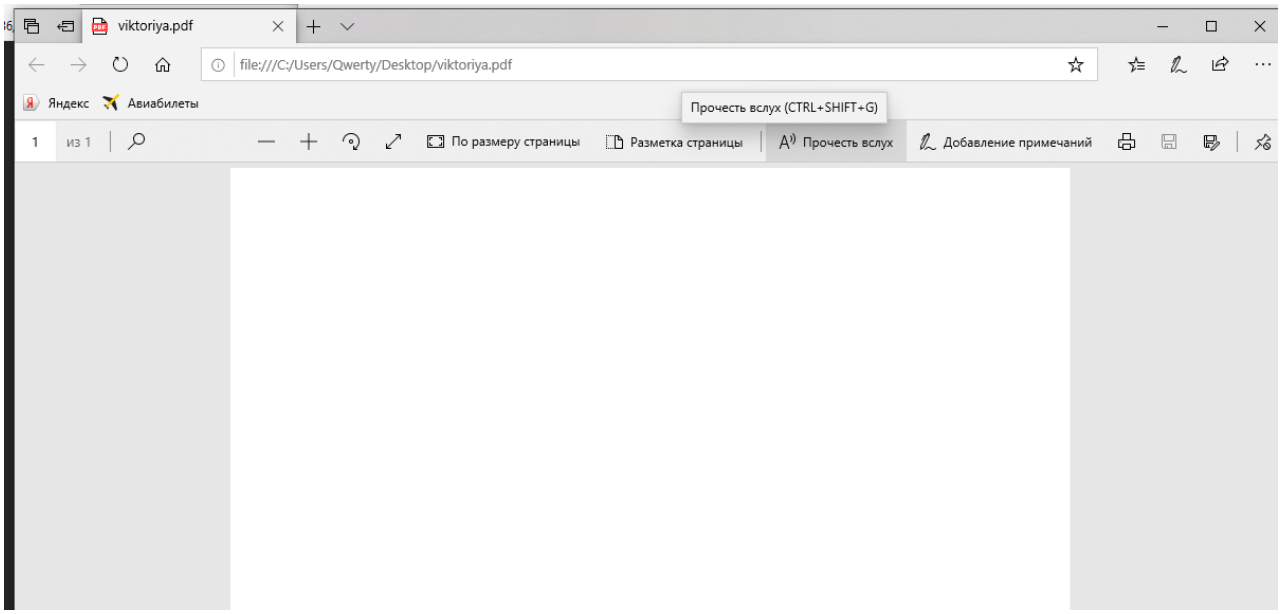
```
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ rm shapovalova_viktoriya
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ cat vika_1 vika_2 | cat > shapovalova_viktoriya
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ cat shapovalova_viktoriya
AI-205
21.03.2021
Shapovalova Viktoriya
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$
```





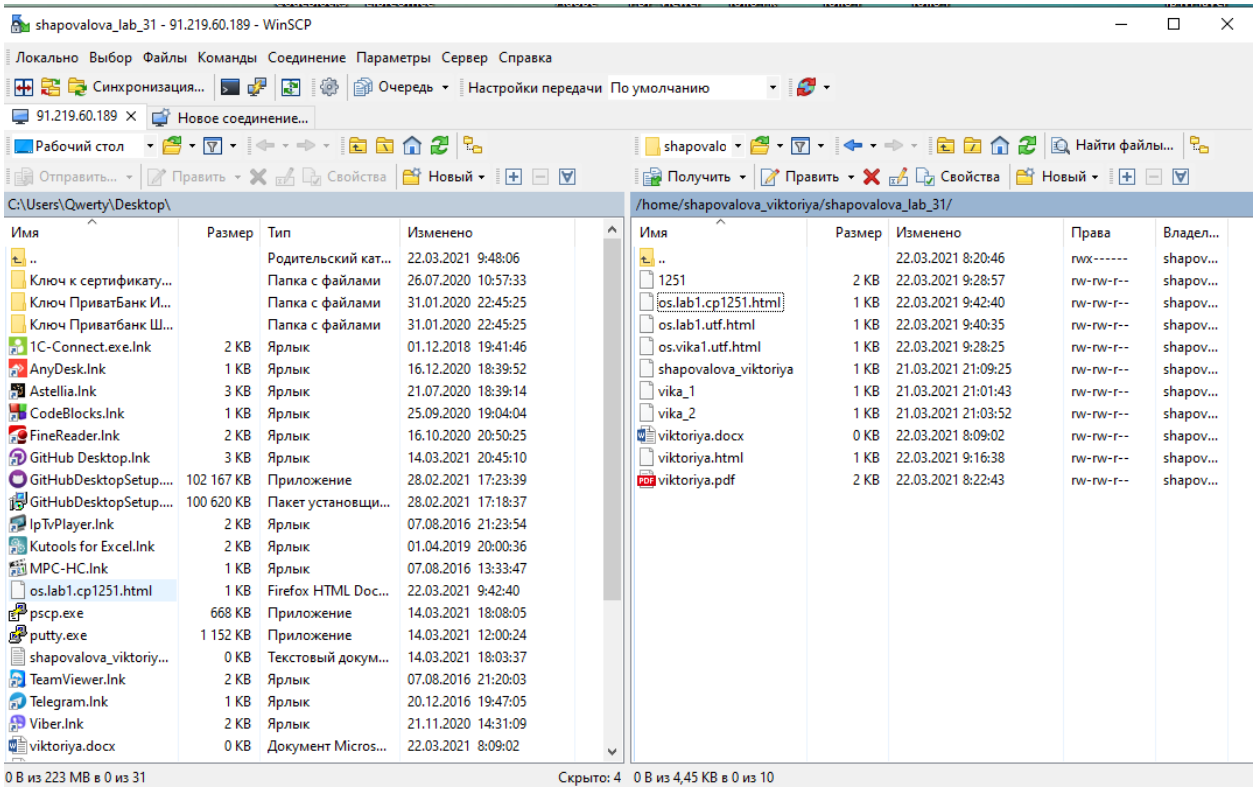

```
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ ls
shapovalova_viktoriya  vika_1  vika_2  viktoriya.docx
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ libreoffice --headless --convert-to pdf viktoriya.docx
convert /home/shapovalova_viktoriya/shapovalova_lab_31/viktoriya.docx -> /home/shapovalova_viktoriya/shapovalova_lab_31/vikt
oriya.pdf using filter : writer_pdf_Export
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ ls
shapovalova_viktoriya  vika_1  vika_2  viktoriya.docx  viktoriya.pdf
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$
```

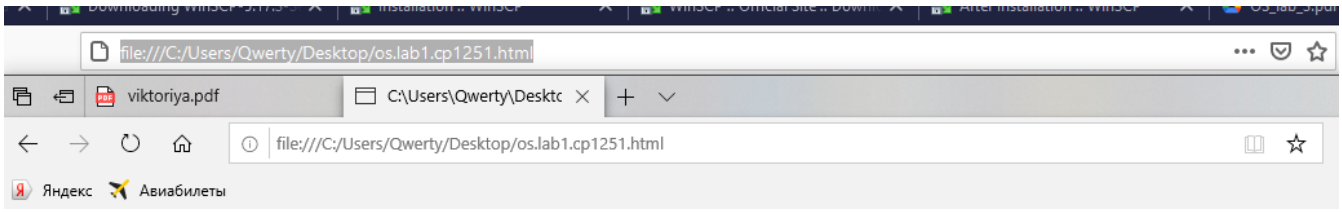


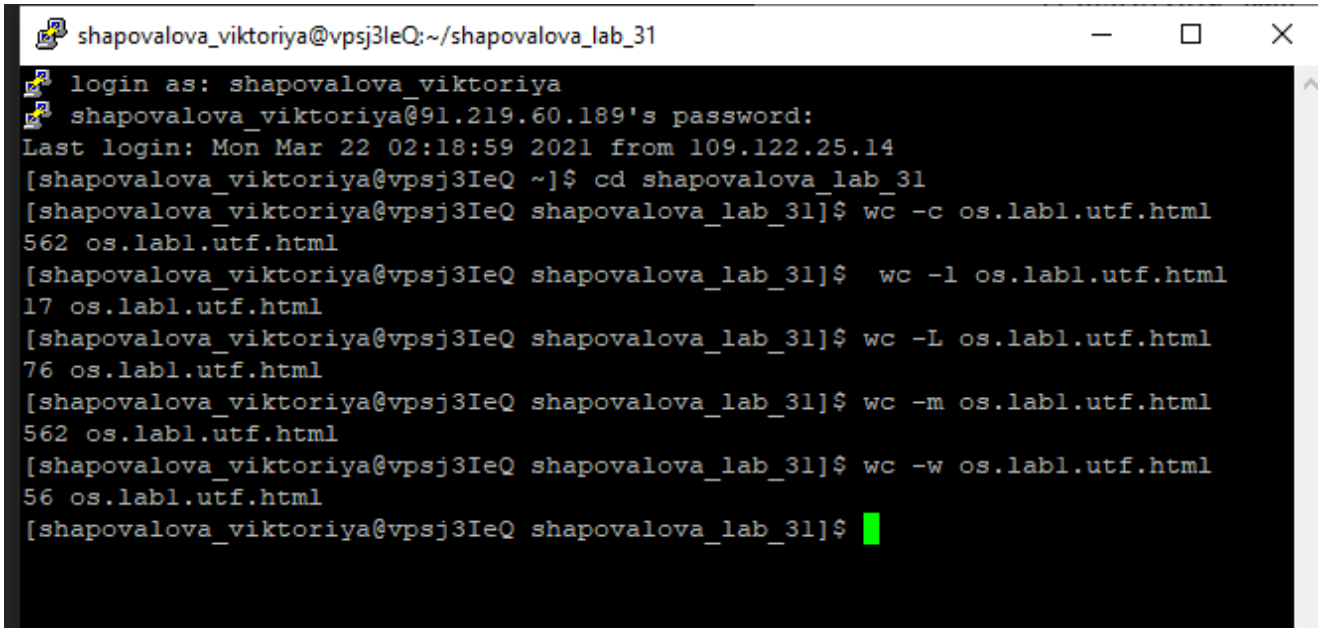



```
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ libreoffice --headless --convert-to html viktoriya.docx
convert /home/shapovalova_viktoriya/shapovalova_lab_31/viktoriya.docx -> /home/shapovalova_viktoriya/shapovalova_lab_31/vikt
oriya.html using filter : HTML (StarWriter)
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ head -n 20 viktoriya.html
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<html>
<head>
        <meta http-equiv="content-type" content="text/html; charset=utf-8"/>
        <title></title>
        <meta name="generator" content="LibreOffice 5.3.6.1 (Linux)"/>
        <meta name="created" content="00:00:00"/>
        <meta name="changed" content="00:00:00"/>
        <style type="text/css">
                @page { margin: 0.79in }
                p { margin-bottom: 0.1in; line-height: 120% }
                pre.cjk { font-family: "DejaVu Sans Mono", monospace }
        </style>
</head>
<body lang="en-US" dir="ltr">
<pre class="western"></pre>
</body>
</html>[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$
```

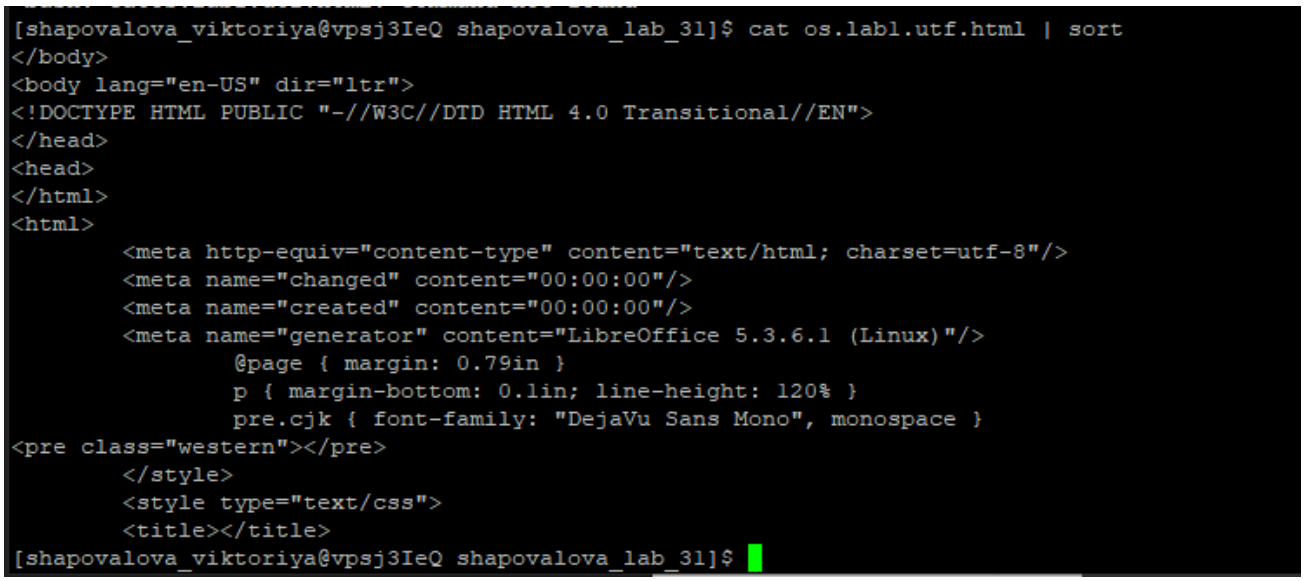
```
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ cp viktoriya.html os.lab1.utf.html
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ iconv -f UTF-8 -t WINDOWS-1251 os.lab1.utf.html -o os.lab1.cp1251.html
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ tail -n 20 os.lab1.cp1251.html
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<html>
<head>
        <meta http-equiv="content-type" content="text/html; charset=utf-8"/>
        <title></title>
        <meta name="generator" content="LibreOffice 5.3.6.1 (Linux)"/>
        <meta name="created" content="00:00:00"/>
        <meta name="changed" content="00:00:00"/>
        <style type="text/css">
                @page { margin: 0.79in }
                p { margin-bottom: 0.1in; line-height: 120% }
                pre.cjk { font-family: "DejaVu Sans Mono", monospace }
        </style>
</head>
<body lang="en-US" dir="ltr">
<pre class="western"></pre>
</body>
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$
```




file:///C:/Users/Qwerty/Desktop/os.lab1.cp1251.html
viktoriya.pdf
C:\Users\Qwerty\Desktc
file:///C:/Users/Qwerty/Desktop/os.lab1.cp1251.html
Яндекс
Авиабилеты


shapovalova_viktoriya@vpsj3IeQ:~/shapovalova_lab_31
login as: shapovalova_viktoriya
shapovalova_viktoriya@91.219.60.189's password:
Last login: Mon Mar 22 02:18:59 2021 from 109.122.25.14
[shapovalova_viktoriya@vpsj3IeQ ~]$ cd shapovalova_lab_31
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ wc -c os.labl.utf.html
562 os.labl.utf.html
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ wc -l os.labl.utf.html
17 os.labl.utf.html
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ wc -L os.labl.utf.html
76 os.labl.utf.html
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ wc -m os.labl.utf.html
562 os.labl.utf.html
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ wc -w os.labl.utf.html
56 os.labl.utf.html
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$

```
56 os.labl.utf.html
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$ cat os.labl.utf.html | tr ' ' '\n'
<!DOCTYPE
HTML
PUBLIC
"-//W3C//DTD
HTML
4.0
Transitional//EN">
<html>
<head>
        <meta
http-equiv="content-type"
content="text/html;
charset=utf-8"/>
        <title></title>
        <meta
name="generator"
content="LibreOffice
5.3.6.1
(Linux)"/>
        <meta
name="created"
content="00:00:00"/>
        <meta
name="changed"
content="00:00:00"/>
        <style
type="text/css">
                @page
{
margin:
0.79in
}
                p
{
margin-bottom:
0.1in;
line-height:
120%
}
                pre.cjk
{
font-family:
"DejaVu
Sans
Mono",
monospace
}
        </style>
</head>
<body
lang="en-US"
dir="ltr">
<pre
class="western"></pre>
</body>
[shapovalova_viktoriya@vpsj3IeQ shapovalova_lab_31]$
```



Висновок: в ході роботи ми придбали навичок складної обробки текстових даних роботи засобами оболонки Unix-подібних ОС інтерфейсу командного рядка