

# Презентация к лабораторной работе №10

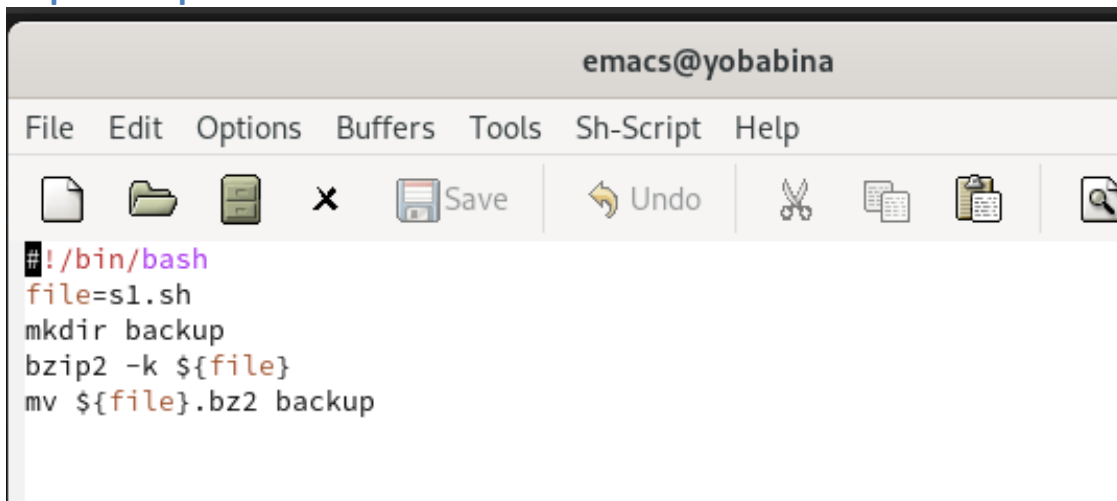
Бабина Ю.О.

## Цель работы

Изучить основы программирования в оболочке ОС UNIX/Linux. Научиться писать небольшие командные файлы.

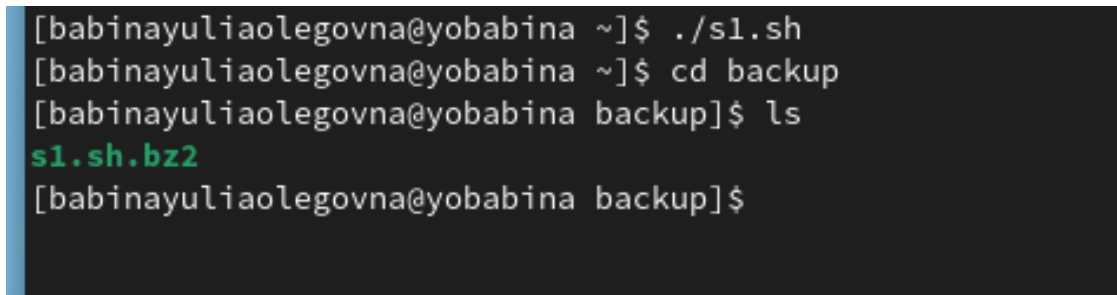
## Ход работы

### Первый скрипт



```
emacs@yobabina
File Edit Options Buffers Tools Sh-Script Help
[Icons: File, Folder, Save, Close, Save, Undo, Cut, Copy, Paste, Find]
#!/bin/bash
file=s1.sh
mkdir backup
bzip2 -k ${file}
mv ${file}.bz2 backup
```

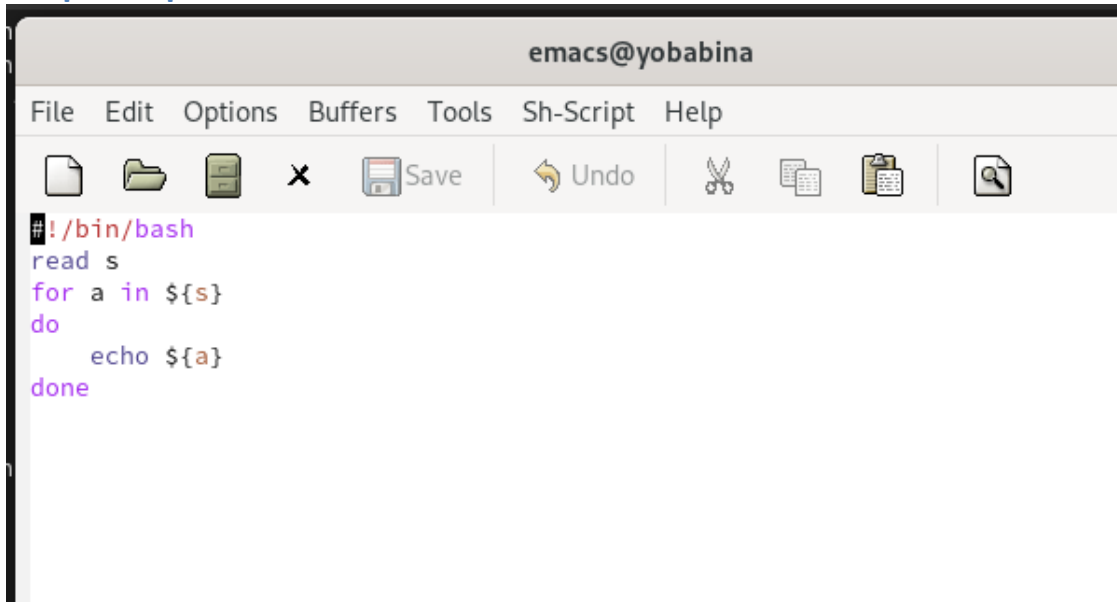
*1 скрипт*



```
[babinayuliaolegovna@yobabina ~]$ ./s1.sh
[babinayuliaolegovna@yobabina ~]$ cd backup
[babinayuliaolegovna@yobabina backup]$ ls
s1.sh.bz2
[babinayuliaolegovna@yobabina backup]$
```

*исполнение 1 скрипта*

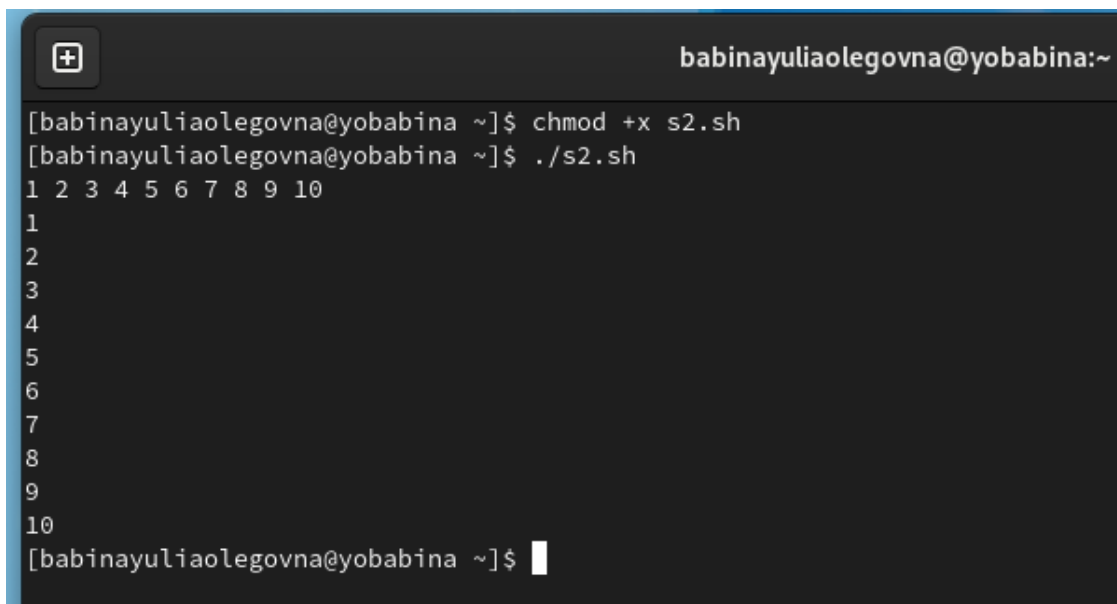
## Второй скрипт



The screenshot shows the Emacs editor interface with the title bar 'emacs@yobabina'. 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 contains a shell script:

```
#!/bin/bash
read s
for a in ${s}
do
    echo ${a}
done
```

## 2 скрипт

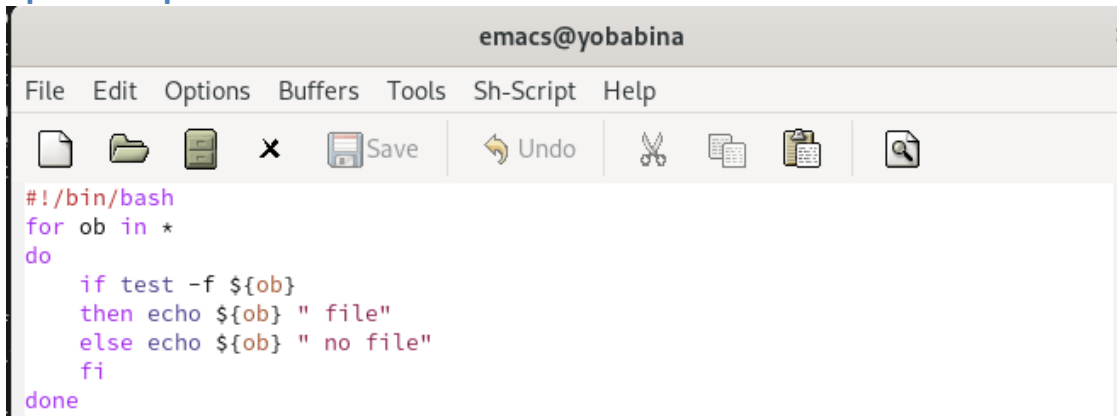


The screenshot shows a terminal window with the title bar 'babinayuliaolegovna@yobabina:~'. The prompt is '[babinayuliaolegovna@yobabina ~]\$'. The user enters the command 'chmod +x s2.sh' and then './s2.sh'. The output of the script is a list of numbers from 1 to 10, each on a new line. The prompt returns to '[babinayuliaolegovna@yobabina ~]\$'.

```
[babinayuliaolegovna@yobabina ~]$ chmod +x s2.sh
[babinayuliaolegovna@yobabina ~]$ ./s2.sh
1
2
3
4
5
6
7
8
9
10
[babinayuliaolegovna@yobabina ~]$
```

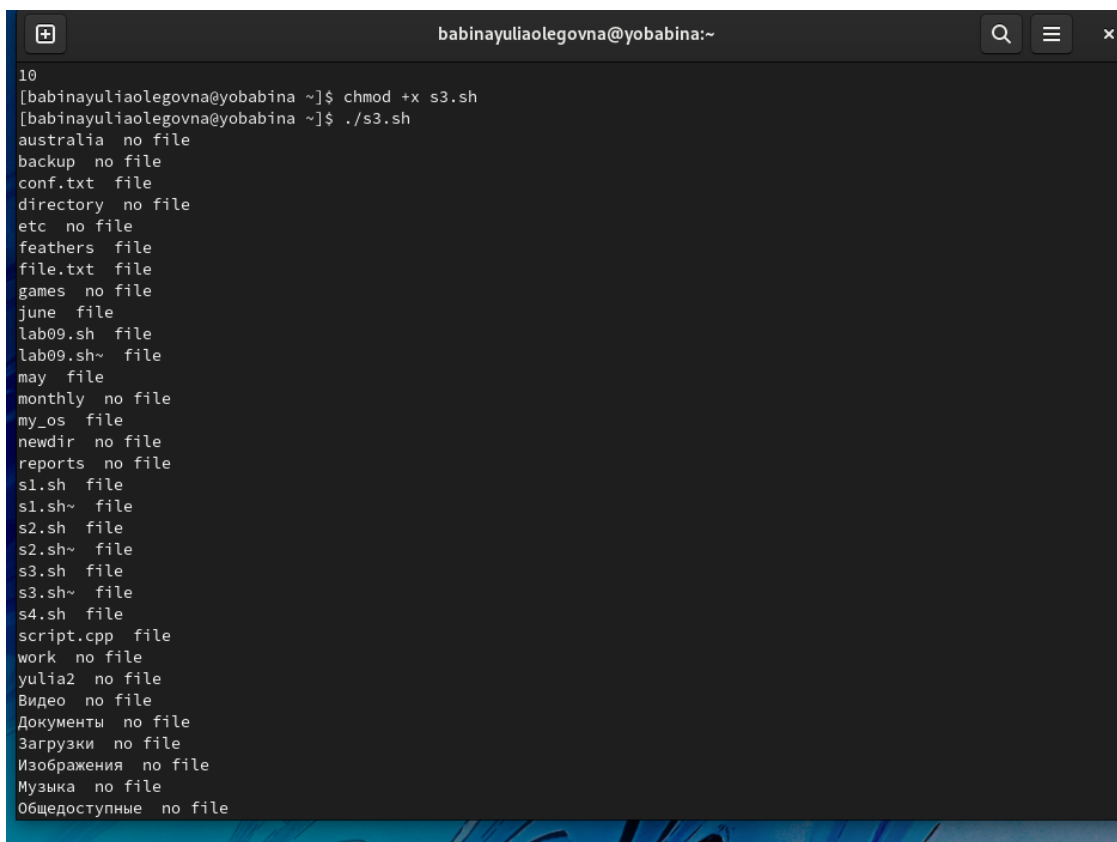
## исполнение 2 скрипта

### Третий скрипт



```
#!/bin/bash
for ob in *
do
    if test -f ${ob}
    then echo ${ob} " file"
    else echo ${ob} " no file"
    fi
done
```

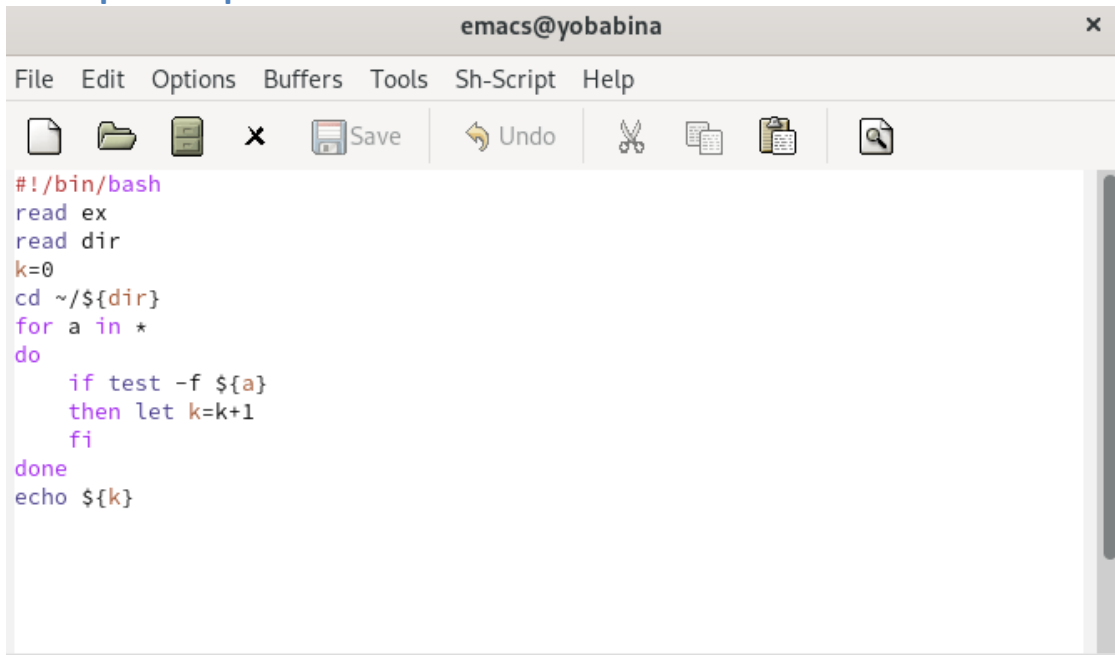
### 3 скрипт



```
10
[babinayuliaolegovna@yobabina ~]$ chmod +x s3.sh
[babinayuliaolegovna@yobabina ~]$ ./s3.sh
australia no file
backup no file
conf.txt file
directory no file
etc no file
feathers file
file.txt file
games no file
june file
lab09.sh file
lab09.sh~ file
may file
monthly no file
my_os file
newdir no file
reports no file
s1.sh file
s1.sh~ file
s2.sh file
s2.sh~ file
s3.sh file
s3.sh~ file
s4.sh file
script.cpp file
work no file
yulia2 no file
Видео no file
Документы no file
Загрузки no file
Изображения no file
Музыка no file
Общедоступные no file
```

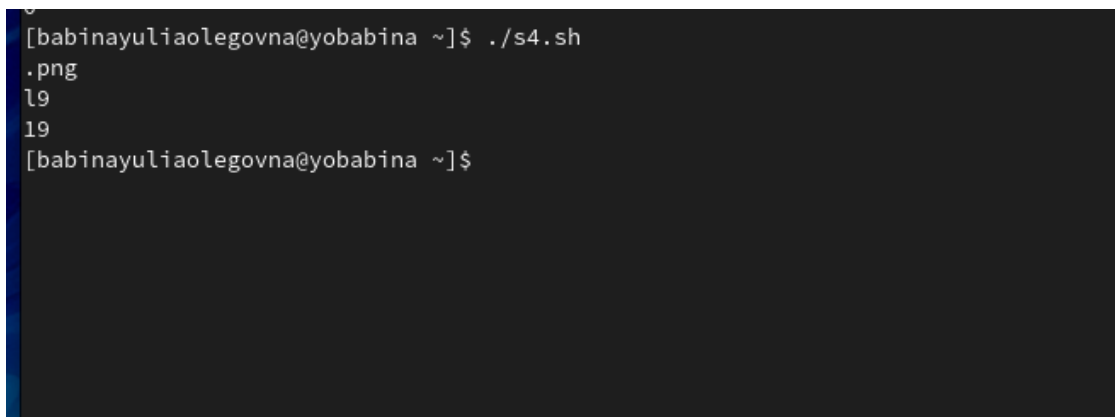
### исполнение 3 скрипта

## Четвертый скрипт



```
#!/bin/bash
read ex
read dir
k=0
cd ~/${dir}
for a in *
do
    if test -f ${a}
    then let k=k+1
    fi
done
echo ${k}
```

## 4 скрипт



```
[babinayuliaolegovna@yobabina ~]$ ./s4.sh
.png
19
19
[babinayuliaolegovna@yobabina ~]$
```

## исполнение 4 скрипта

## Вывод

В ходе данной лабораторной работы я изучила основы программирования в оболочке ОС UNIX/Linux. Научилась писать небольшие командные файлы.