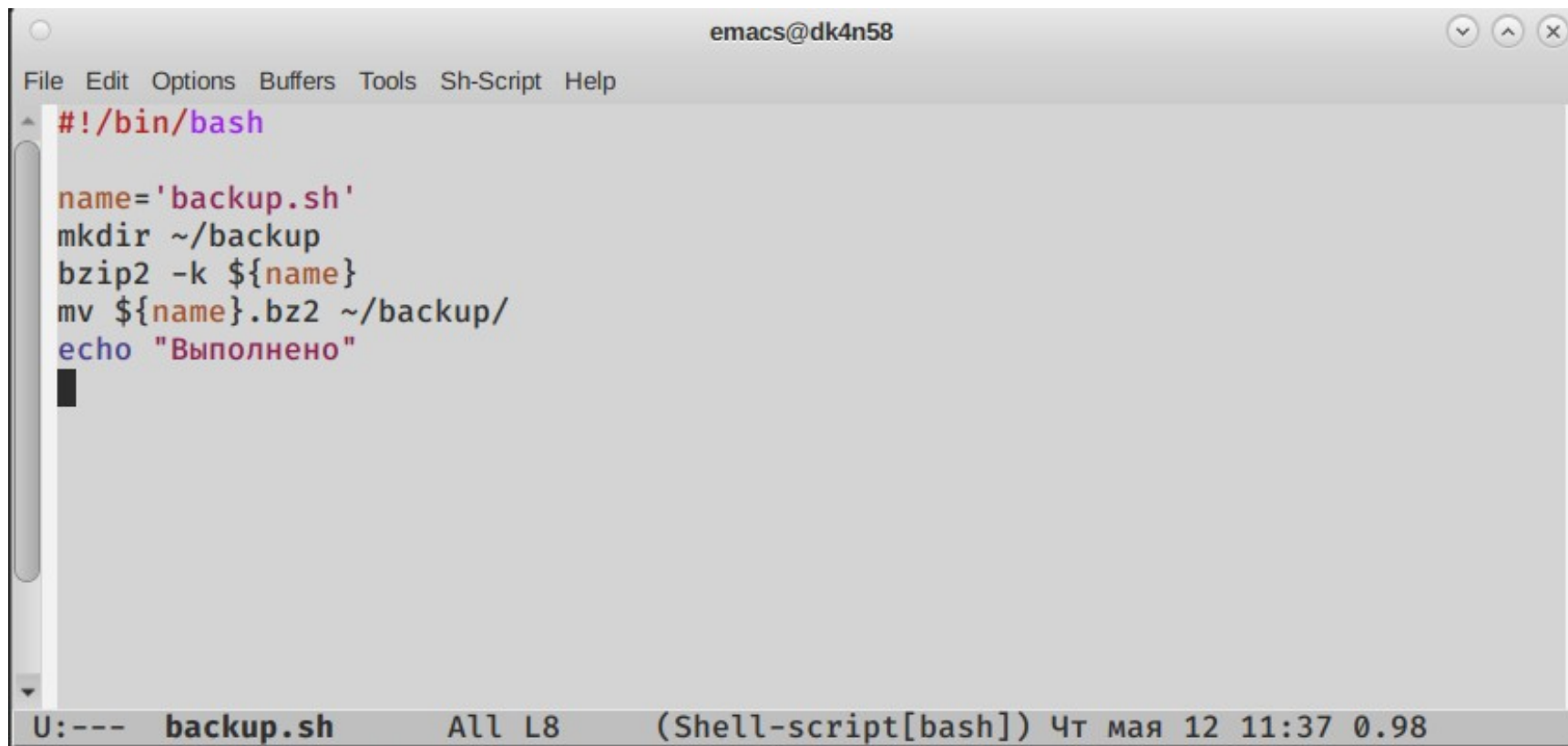


# Лабораторная работа №10

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# Первая программа

Резервная копия самого себя



The image shows an Emacs window titled "emacs@dk4n58". The menu bar includes "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". The main text area contains a shell script with the following content:

```
#!/bin/bash

name='backup.sh'
mkdir ~/backup
bzip2 -k ${name}
mv ${name}.bz2 ~/backup/
echo "Выполнено"
```

The status bar at the bottom displays "U:--- backup.sh All L8 (Shell-script[bash]) Чт мая 12 11:37 0.98".

Код

# Вторая программа

Вывод аргументов



The image shows a screenshot of an Emacs editor window. The title bar at the top right reads "emacs@dk4n65". Below the title bar is a menu bar with the following items: "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". The main editing area contains a shell script with the following lines: 

```
#!/bin/bash
echo "Аргументы"
for a in $@
do echo $a
done
```

 The script is color-coded: the shebang is black, "echo" is purple, "Аргументы" is red, "for" is purple, "a" is orange, "in" is purple, "\$@" is orange, "do" is purple, "echo" is purple, "\$a" is orange, and "done" is purple. On the left side of the editing area is a vertical scrollbar. At the bottom of the window is a status bar with the text: "U:--- prog.sh All L1 (Shell-script[bash]) Cp ma".

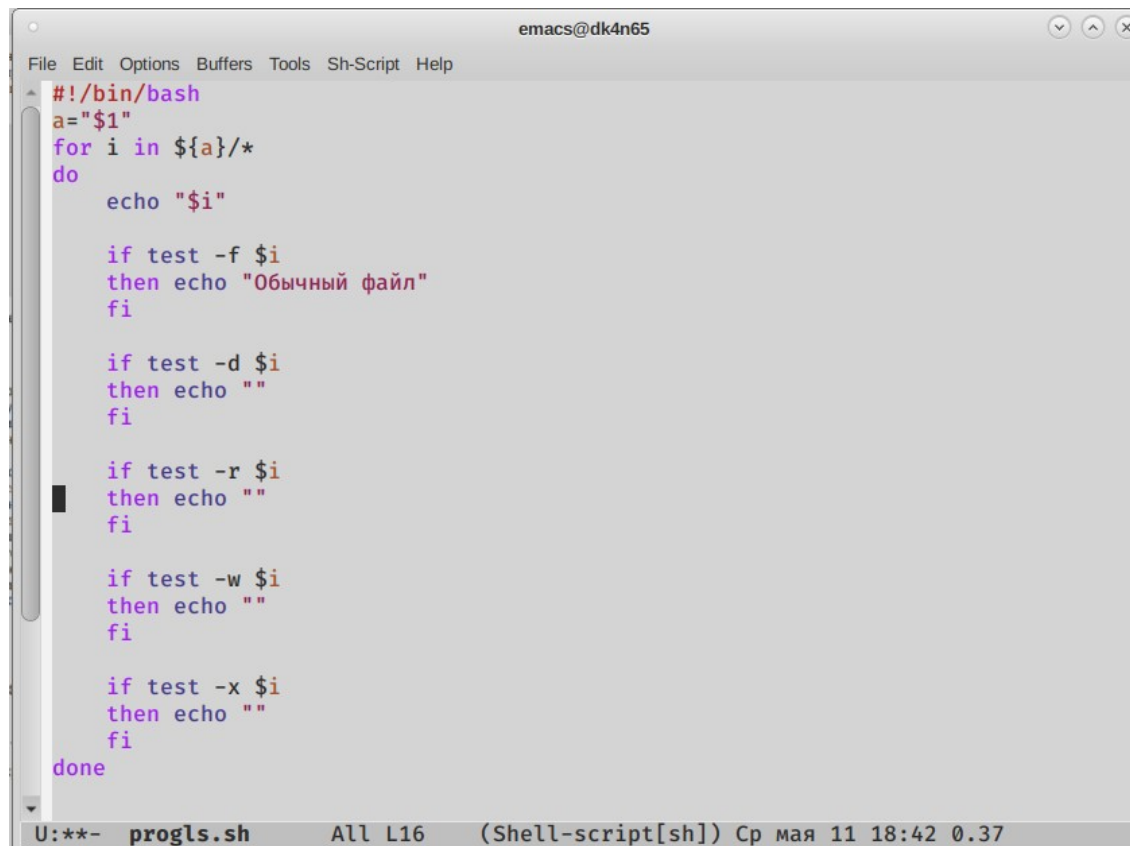
```
#!/bin/bash
echo "Аргументы"
for a in $@
do echo $a
done
```

U:--- prog.sh All L1 (Shell-script[bash]) Cp ma

Код

# Третья программа

Команда-замена ls



The image shows a screenshot of an Emacs editor window. The title bar at the top reads "emacs@dk4n65". Below the title bar is a menu bar with the following items: "File", "Edit", "Options", "Buffers", "Tools", "Sh-Script", and "Help". The main editing area contains a Bash script with the following content:

```
#!/bin/bash
a="$1"
for i in ${a}/*
do
    echo "$i"

    if test -f $i
    then echo "Обычный файл"
    fi

    if test -d $i
    then echo ""
    fi

    if test -r $i
    then echo ""
    fi

    if test -w $i
    then echo ""
    fi

    if test -x $i
    then echo ""
    fi
done
```

The script is a shell script that takes a single argument `$1` and iterates over all files and directories in the directory specified by `$1`. For each item `i`, it prints the item's name and then checks if it is a regular file, a directory, readable, writable, or executable, printing a message for each check. The status bar at the bottom of the window shows "U:\*\*~ progl.s.sh", "All L16", "(Shell-script[sh])", and "Ср мая 11 18:42 0.37".

Код

# Четвертая программа

Поиск файлов



```
ukmorozova@dk4n65 ~ $ touch format.sh
ukmorozova@dk4n65 ~ $ emacs &
[1] 5472
ukmorozova@dk4n65 ~ $ WINDOW DECORATIONS RELOADED

emacs@dk4n65
File Edit Options Buffers Tools Sh-Script Help
^ user-error: No resizable window above this one [2 times]
Auto-saving...done
J:~*- *Messages* Bot L60 (Messages) Ср мая 11 18:48 0.40
^ #!/bin/bash
b="$1"
shift
for a in $@
do
    k=0
    for i in ${b}/*.${a}
    do
        if test -f "$i"
        then
            let k=k+1
        fi
    done
    echo "$k файлов содержится в каталоге $b с разрешением $a"
done
```

Код