Программирование в командном процессоре ОС UNIX. Командные файлы

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Отчёт по лабораторной работе №11

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

Выполнение лабораторной работы

```
TAR(1)                          GNU TAR Manual

NAME
       tar - an archiving utility

SYNOPSIS
   Traditional usage
       tar {A|c|d|r|t|u|x}[GnSkUWOmpsMBiajJzZhPlRvwo] [ARG...]

   UNIX-style usage
       tar -A [OPTIONS] ARCHIVE ARCHIVE

       tar -c [-f ARCHIVE] [OPTIONS] [FILE...]

       tar -d [-f ARCHIVE] [OPTIONS] [FILE...]

       tar -t [-f ARCHIVE] [OPTIONS] [MEMBER...]

       tar -r [-f ARCHIVE] [OPTIONS] [FILE...]

       tar -u [-f ARCHIVE] [OPTIONS] [FILE...]

       tar -x [-f ARCHIVE] [OPTIONS] [MEMBER...]

   GNU-style usage
```

```
vvmurashko1@dk8n81 ~ $ man tar
vvmurashko1@dk8n81 ~ $ touch script.sh
vvmurashko1@dk8n81 ~ $ chmod +x script.sh
```

```
File   Edit   Options   Buffers   Tools   Sh-Script   Help
#!/bin/bash
backupname="ScriptBack.sh"
cp "$0"  "$backup_name"
tar -cf laba.tar $backup_name
```
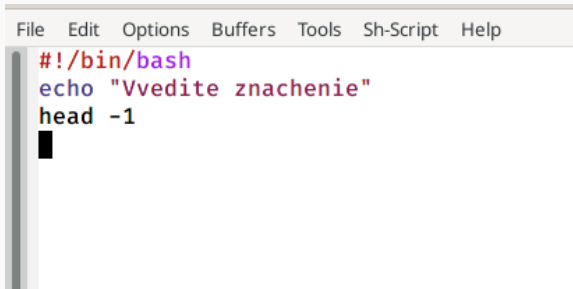
```
vvmurashko1@dk8n81 ~ $ ./script2.sh
Vvedite znachenie
1 2 3 4 5
1 2 3 4 5
```

```
File   Edit   Options   Buffers   Tools   Sh-Script   Help
#!/bin/bash
for A in *
do if test -d $A
   then echo $A: is a directory
   else echo -n $A: is a file and
        if test -w $A
        then echo writeable
        elif test -r $A
        then echo readable
        else echo neither readable nor writeable
        fi
   fi
done
```

```
vvmurashko1@dk8n81 ~ $ ./file.sh
asdfg: is a file andwriteable
asdfg.asm: is a file andwriteable
asdfg.lst: is a file andwriteable
asdfg.map: is a file andwriteable
asdfg.o: is a file andwriteable
australia: is a directory
conf.txt: is a file andwriteable
feathers: is a file andwriteable
file.sh: is a file andwriteable
file.sh~: is a file andwriteable
file.txt: is a file andwriteable
games: is a directory
GNUstep: is a directory
lab02: is a directory
lab03: is a directory
lab03-1: is a file andwriteable
lab03-1.asm: is a file andwriteable
lab03-1.lst: is a file andwriteable
lab03-1.map: is a file andwriteable
lab03-1.o: is a file andwriteable
```

```
File  Edit  Options  Buffers  Tools  Sh-Script  Help
#!/bin/bash
format=""
direct=""
echo "point out format"
read format
echo "point out direct"
read direct
find "$direct" -name ".$format" -type f | wc -l
ls
```

```
vvmurashko1@dk8n81 ~ $ ./script3.sh
point out format
.sh
point out direct
/home/vvmurashko1/
find: '/home/vvmurashko1/': Нет такого файла или каталога
0
 asdfg          australia     file.txt      lab03-1         lab03a
 asdfg.asm      conf.txt      games         lab03-1.asm     lab03b
 asdfg.lst      feathers      GNUstep       lab03-1.lst     lab04
 asdfg.map      file.sh       lab02         lab03-1.map     lab05
 asdfg.o        file.sh~   _  lab03         lab03-1.o       lab06
```

Я изучила основы программирования в оболочке ОС UNIX/Linux и научилась писать небольшие командные файлы.