

# Лабораторная работа №5

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Приобретение практических навыков взаимодействия пользователя с системой посредством командной строки.

1. Изучить команды `man`, `cd`, `pwd`, `ls`, `mkdir`, `rm`, `history`.
2. В ходе работы использовать эти команды и интерпретировать их вывод.
3. Сделать отчет.

## Выполнение лабораторной работы

Переходим в каталог /tmp и выводим на экран его содержимое. Для этого используйте команду ls с различными опциями.(рис. 1)

```

kali@kali:~$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
cron:x:4:4:cron:/var/spool/cron/root:/usr/sbin/nologin
ftp:x:5:5:ftp:/var/ftp:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
sshd:x:65536:65536:ssh:/var/empty:/usr/sbin/nologin
cassandra:x:1000:1000:cassandra:/var/lib/cassandra:/bin/sh
cassandra2:x:1001:1001:cassandra2:/var/lib/cassandra2:/bin/sh
cassandra3:x:1002:1002:cassandra3:/var/lib/cassandra3:/bin/sh
cassandra4:x:1003:1003:cassandra4:/var/lib/cassandra4:/bin/sh
cassandra5:x:1004:1004:cassandra5:/var/lib/cassandra5:/bin/sh
cassandra6:x:1005:1005:cassandra6:/var/lib/cassandra6:/bin/sh
cassandra7:x:1006:1006:cassandra7:/var/lib/cassandra7:/bin/sh
cassandra8:x:1007:1007:cassandra8:/var/lib/cassandra8:/bin/sh
cassandra9:x:1008:1008:cassandra9:/var/lib/cassandra9:/bin/sh
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cassandra11:x:1010:1010:cassandra11:/var/lib/cassandra11:/bin/sh
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cassandra13:x:1012:1012:cassandra13:/var/lib/cassandra13:/bin/sh
cassandra14:x:1013:1013:cassandra14:/var/lib/cassandra14:/bin/sh
cassandra15:x:1014:1014:cassandra15:/var/lib/cassandra15:/bin/sh
cassandra16:x:1015:1015:cassandra16:/var/lib/cassandra16:/bin/sh
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cassandra19:x:1018:1018:cassandra19:/var/lib/cassandra19:/bin/sh
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cassandra21:x:1020:1020:cassandra21:/var/lib/cassandra21:/bin/sh
cassandra22:x:1021:1021:cassandra22:/var/lib/cassandra22:/bin/sh
cassandra23:x:1022:1022:cassandra23:/var/lib/cassandra23:/bin/sh
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cassandra121:x:1120:1120:cassandra121:/var/lib/cassandra121:/bin/sh
cassandra122:x:1121:1121:cassandra122:/var/lib/cassandra122:/bin/sh
cassandra123:x:1122:1122:cassandra123:/var/lib/cassandra123:/bin/sh
cassandra124:x:1123:1123:cassandra124:/var/lib/cassandra124:/bin/sh
cassandra125:x:1124:1124:cassandra125:/var/lib/cassandra125:/bin/sh
cassandra126:x:1125:1125:cassandra126:/var/lib/cassandra126:/bin/sh
cassandra127:x:1126:1126:cassandra127:/var/lib/cassandra127:/bin/sh
cassandra128:x:1127:1127:cassandra128:/var/lib/cassandra128:/bin/sh
cassandra12
```

Figure 1: Каталог /tmp

Переходим в домашний каталог и выводим его содержимое.

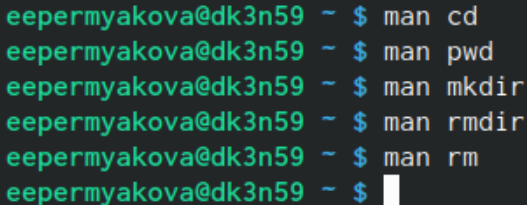
В домашнем каталоге создадим новый каталог с именем newdir, а внутри него каталог morefun. Изучим команды удаления.

Создаем три новых каталога и затем удаляем их. (рис. 2)

```
eepermyakova@dk3n59 ~/newdir $ ls
morefun
eepermyakova@dk3n59 ~/newdir $ mkdir letters memos misk
eepermyakova@dk3n59 ~/newdir $ ls
letters memos misk morefun
eepermyakova@dk3n59 ~/newdir $ rm -r letters memos misk
eepermyakova@dk3n59 ~/newdir $ ls
morefun
```

Figure 2: Три новых каталога

С помощью команды `man` определяем набор опций команд.(рис. 3)



```
eepermyakova@dk3n59 ~ $ man cd
eepermyakova@dk3n59 ~ $ man pwd
eepermyakova@dk3n59 ~ $ man mkdir
eepermyakova@dk3n59 ~ $ man rmdir
eepermyakova@dk3n59 ~ $ man rm
eepermyakova@dk3n59 ~ $
```

Figure 3: Команды `man`

Используя информацию, полученную при помощи команды `history`, выполните модификацию и исполнение нескольких команд из буфера команд.

В ходе выполнения данной лабораторной работы я приобрела практические навыки взаимодействия с системой посредством командной строки.