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1. What command can be used to display the manual page of any bash command, how do you search the manual page, and how do you leave the manual page?

Display manual: `man <command>`

Search: `/ <search query>`

Quit: `q`

2. What are dot files?

Files whose names begin with a `“.”`

3. What command would you use to list all the files in a directory including dot files?

`ls -la`

4. What's a log file?

A log of what happens when something is run/executed

5. Say you have a giant log file (5 million lines), how would you view lines at the top of the file and the bottom of the file without opening it in a text editor?

Top lines: `head <filename>`

Bottom lines: `tail <filename>`

6. How would you view text files in a terminal?

`cat <filename>`

7. How would you search a directory for all the instances of the words “i like turtles” ?

`grep -r “i like turtles”`

8. How would you get all the results of the previous command into a file?

`<command> > file.txt`

9. How would you download a web page from the terminal?

`wget <URL>`

10. How would you delete a file?

`rm <filename>`

```
bandit0@melinda:~$ ls
readme
bandit0@melinda:~$ cat readme
boJ9jbbUNNfktd7800psq0ltutMc3MY1
```

```
bandit1@melinda:~$ ls
-
bandit1@melinda:~$ cat ./-
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
```

```
bandit2@melinda:~$ ls
spaces in this filename
bandit2@melinda:~$ cat spaces¥ in¥ this¥ filename
UmHadQclWmgdLOKQ3YNggjWxGoRmb5luK
```

```
bandit3@melinda:~$ ls
inhere
bandit3@melinda:~$ cd inhere/
bandit3@melinda:~/inhere$ ls -la
total 12
drwxr-xr-x 2 root    root    4096 Nov 14  2014 .
drwxr-xr-x 3 root    root    4096 Nov 14  2014 ..
-rw-r----- 1 bandit4 bandit3  33 Nov 14  2014 .hidden
bandit3@melinda:~/inhere$ cat .hidden
pIwrPrtPN36QITSp3EQaw936yaFoFgAB
```

```
bandit4@melinda:~$ ls
inhere
bandit4@melinda:~$ cd inhere/
bandit4@melinda:~/inhere$ ls
-file00 -file01 -file02 -file03 -file04 -file05 -file06 -file07 -file08 -
file09
bandit4@melinda:~/inhere$ cat ./-file07
koReBOKuIDDepwhWk7jZCORTdopnAYKh
```

```
bandit5@melinda:~$ cd inhere/
bandit5@melinda:~/inhere$ ls
maybehere00 maybehere03 maybehere06 maybehere09 maybehere12 maybehere15
maybehere18
maybehere01 maybehere04 maybehere07 maybehere10 maybehere13 maybehere16
maybehere19
maybehere02 maybehere05 maybehere08 maybehere11 maybehere14 maybehere17
```

```
bandit5@melinda:~/inhere$ find -size 1033c
./maybehere07/.file2
bandit5@melinda:~/inhere$ cat ./maybehere07/.file2
DXjZPULLxYr17uwoI01bNLQbtFemEgo7
bandit6@melinda:~$ ls
bandit6@melinda:~$ cd ../../
bandit6@melinda:/$ find -group bandit6 -user bandit7 -size 33c
...
./var/lib/dpkg/info/bandit7.password
...
bandit6@melinda:/$ cat ./var/lib/dpkg/info/bandit7.password
HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs

bandit7@melinda:~$ ls
data.txt
bandit7@melinda:~$ grep -r "millionth"
data.txt:millionth      cvX2JJJa4CFALtqS87jk27qwqGhBM9p1V

bandit8@melinda:~$ ls
data.txt
bandit8@melinda:~$ sort data.txt | uniq -u
UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR

bandit9@melinda:~$ ls
data.txt
bandit9@melinda:~$ grep -a -r "======" data.txt
===== truKLdjsbJ5g7yyJ2X2R0o3a5HqJFuLk

bandit10@melinda:~$ ls
data.txt
bandit10@melinda:~$ cat data.txt | base64 --decode
The password is IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR

bandit11@melinda:~$ ls
data.txt
bandit11@melinda:~$ cat data.txt | tr 'n-Za-mN-ZA-M' 'a-zA-ZM'
The password is 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu
```