

SSN COLLEGE OF ENGINEERING, KALAVAKKAM
DEPARTMENT OF CSE
UCS1304 – UNIX AND SHELL PROGRAMMING

ASSIGNMENT - 1 Basic Commands

Simple commands

1. Login to the system
2. Launch the terminal.
3. Try these commands
 - a. echo
 - i. echo string
 - ii. echo *
 - iii. echo
 - b. date
 - i. Print date in dd-mm-yyyy format. Refer to the man page for date to find out the option for this format.
 - ii. man date
 - iii. Print time in hh-mm-ss format, hh is 0-24 hours.
 - iv. Print the date in the following formats
Thrusday, 07/04/2019
 - c. cal
 - i. Print the calendar for the current month.
 - ii. Print the calendar for year 2020.
 - iii. Print the calendar for July 2020.
 - d. who and whoami
 - e. uname with options -a, -s, -r, -sr
 - f. df -h
 - i. How many partitions does your hard disk have? What is the total size of the disk?
 - g. history
 - h. clear

Files

- cat
 - Create a file poem.txt with
 - cat > poem.txtand typing the lines on the stdin (standard input).
 - Print (display) the contents of poem.txt on stdout (standard output)
- ls
 - List the contents of your home directory.
 - List the contents of your home directory.

- long format
- modified time order
- reverse modified time order

Filesystem

- pwd
 - What is your home directory?
- cd
 - Move to your home directory.
- mkdir
 - Create a directory myname in your home.
 - Move to myname.
 - In myname, create the following directory structure. Check with tree.

```
+-- junk
+-- recipes
    +-- cookie
    |   +-- choc.chip
    +-- pie
        +-- apple
        +-- crust
```

- Move to crust.
 - Move to choc.chip.
 - Move to myhome.
- rmdir
 - Create a file dish1 in apple.
 - Remove directory apple.
 - Remove the file dish1 in apple.
 - Now remove directory apple.
- cp
 - Create a file dish1 in crust.
 - Copy dish1 to dish2.
 - List the contents of crust.
 - Copy the contents in crust to apple.
- mv
 - Rename dish1 to cookie1, and dish2 to cookie2.
 - Move both cookie1 and cookie2 to the directory cookie
 - Move recipe directory to junk directory.
- rm
 - Remove dish1 in apple.
 - Remove cookie1 and cookie2 in cookie.
 - Remove recipe direcorey in junk.
- ln