Week Report 3

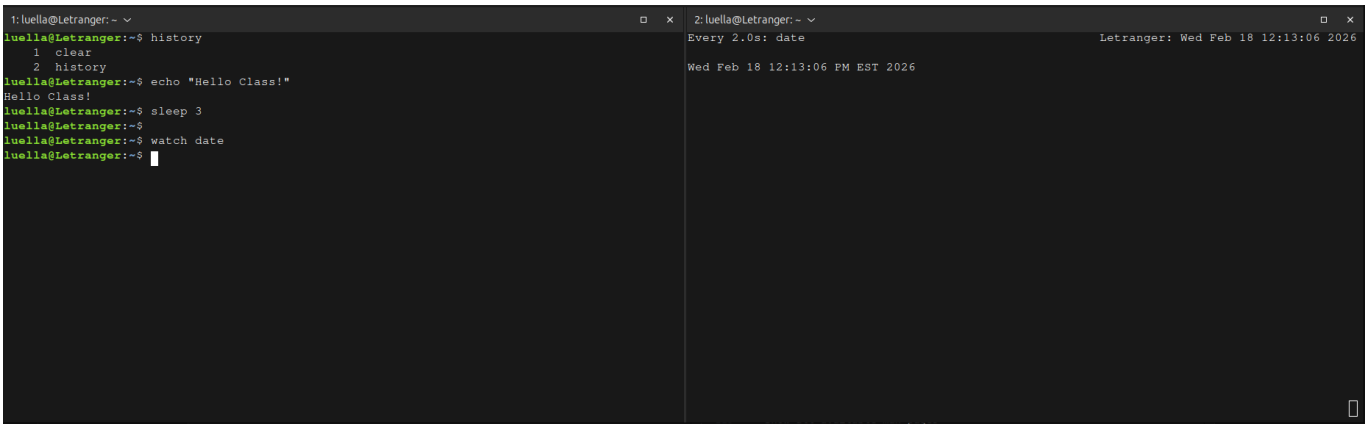
Completed work for week 3

notes3.md

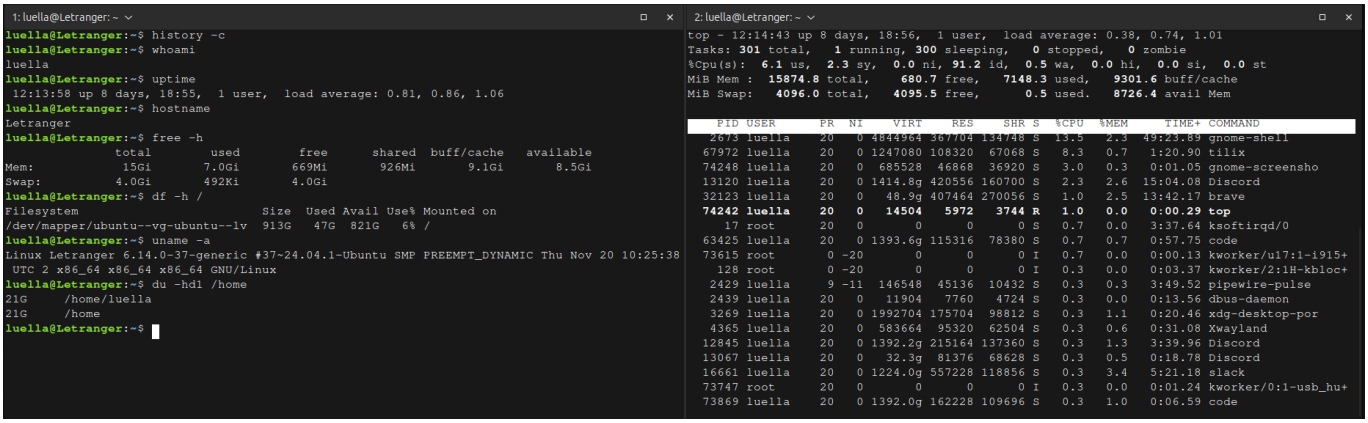
lab3.md

Practice Screenshots

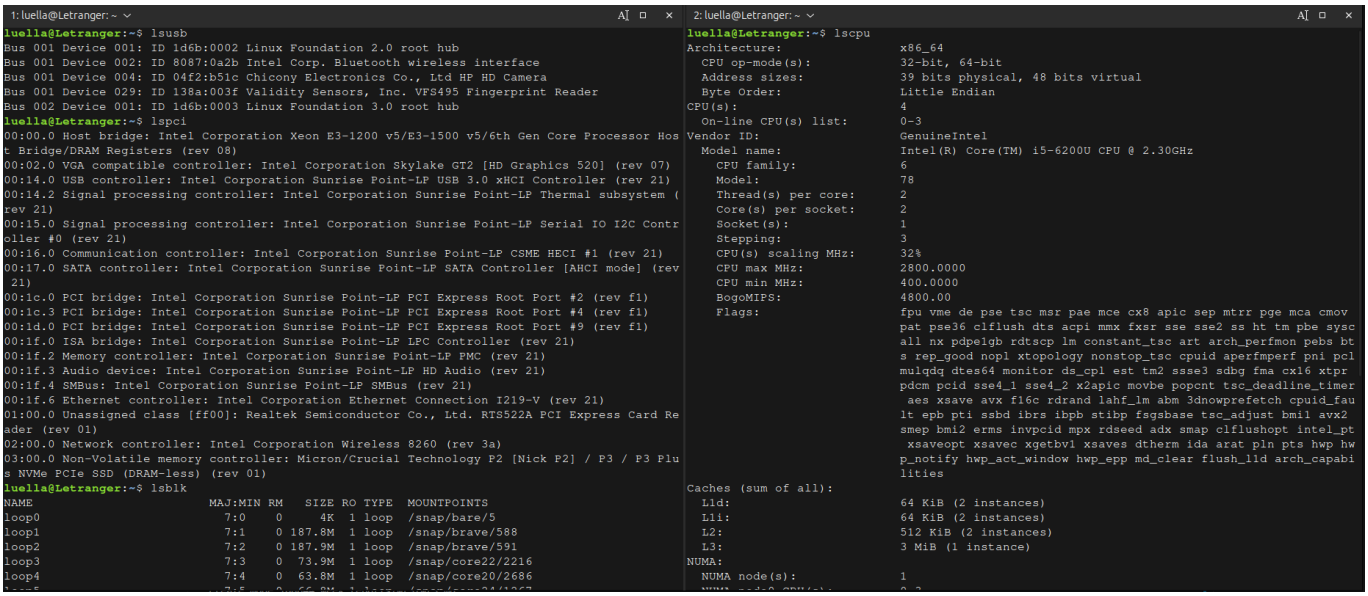
Practice 3



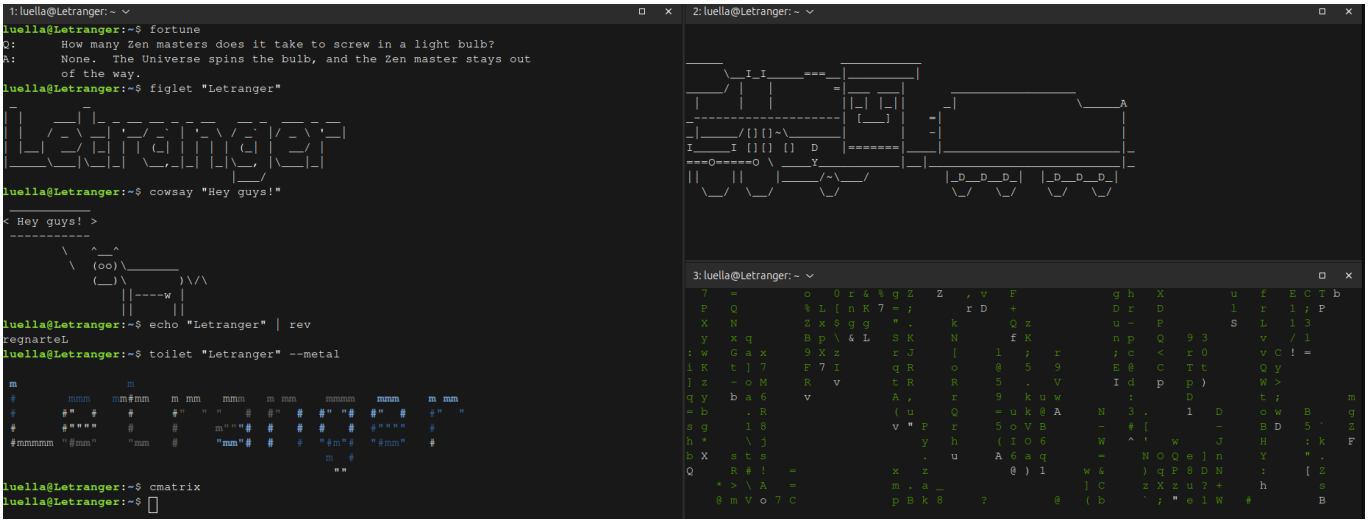
Practice 4



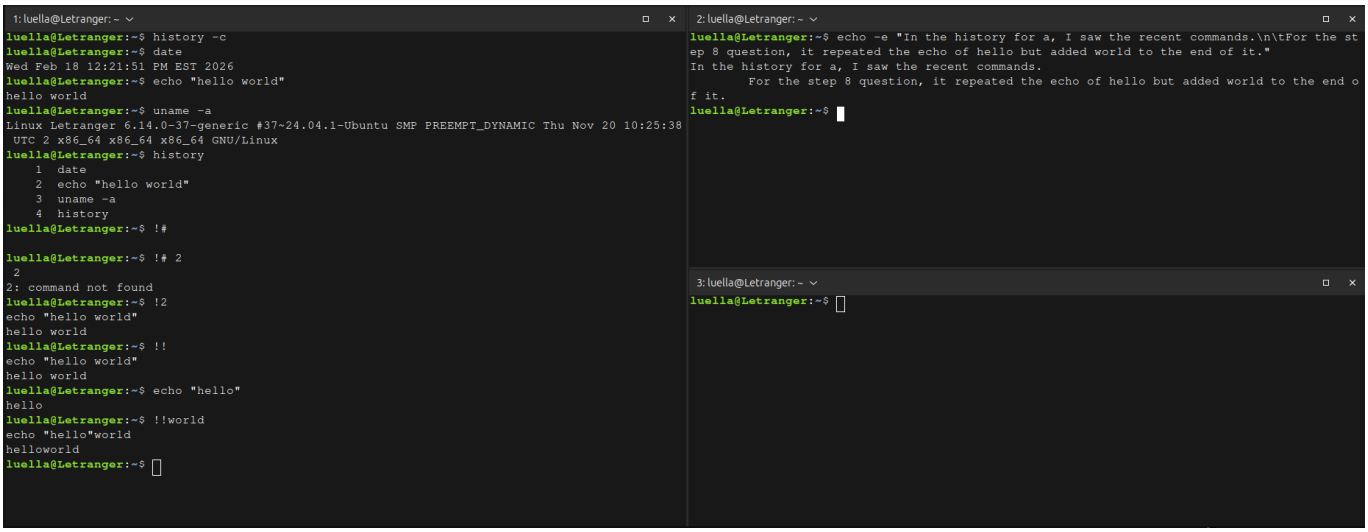
Practice 5



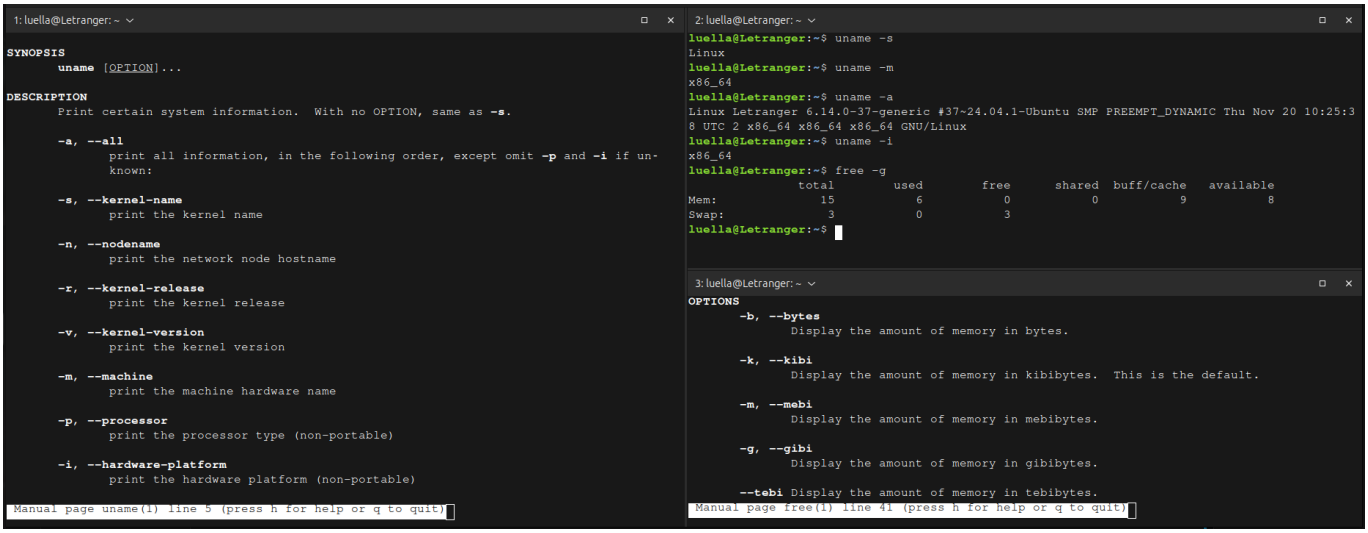
Practice 6



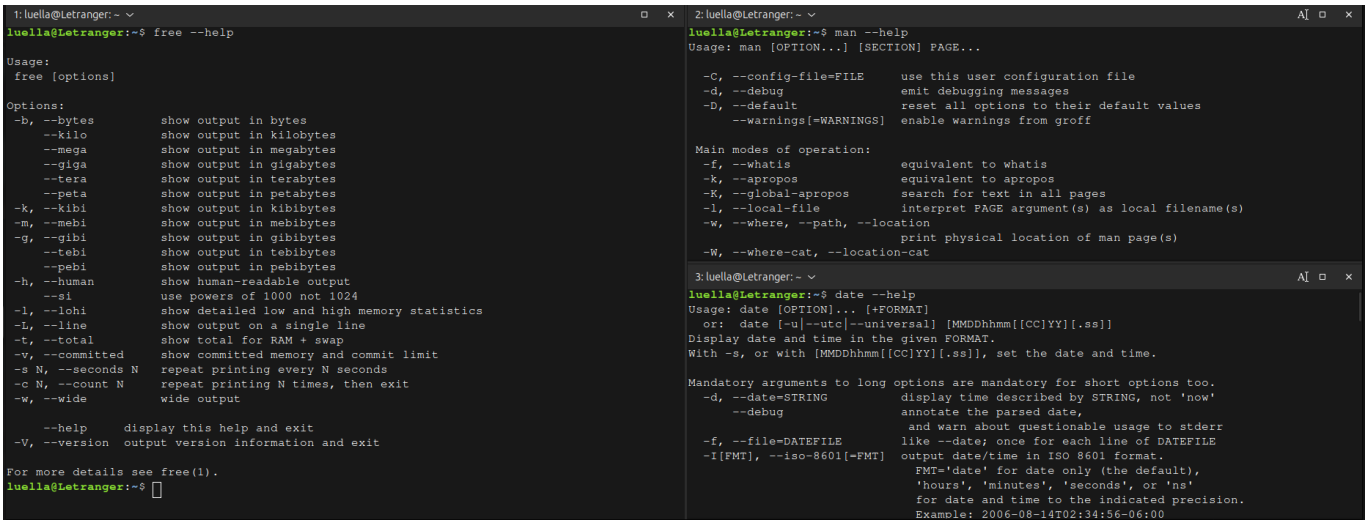
Practice 7

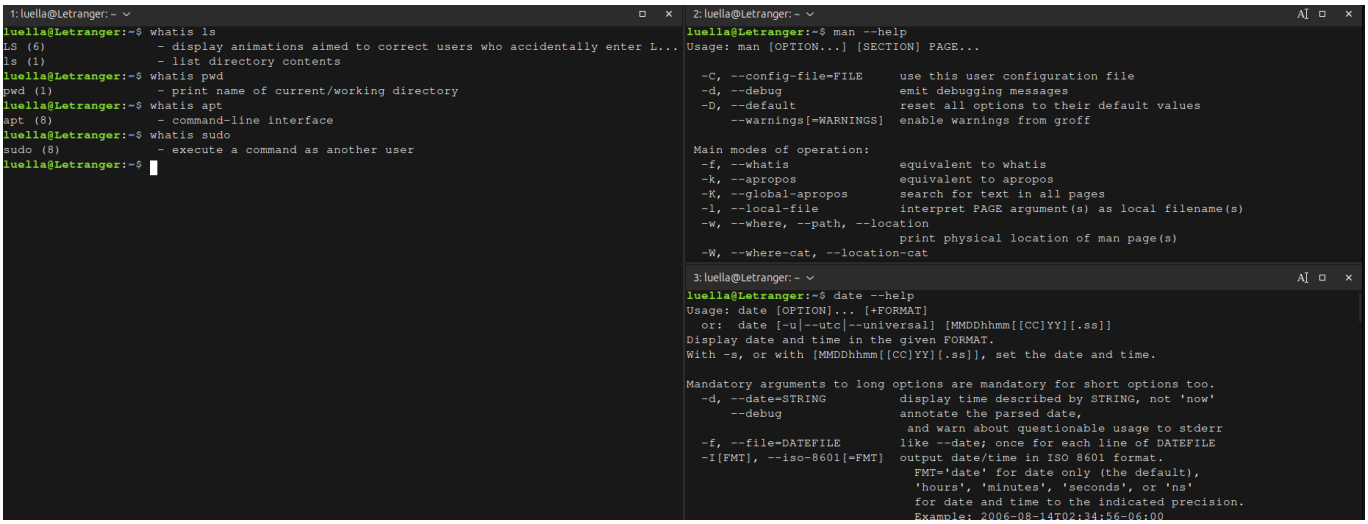


Practice 8

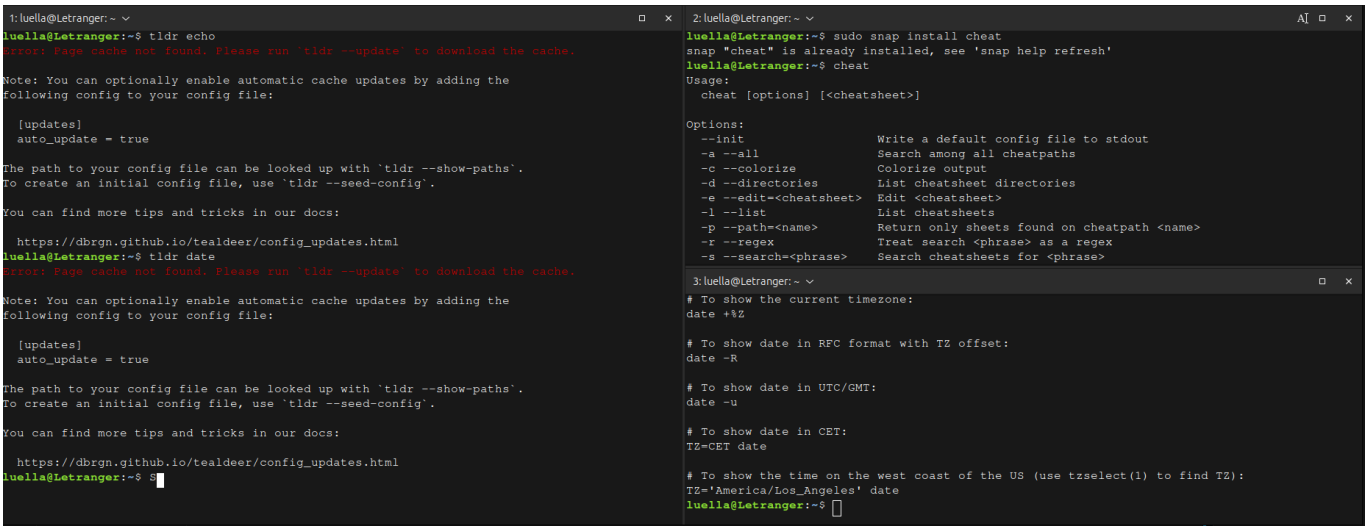


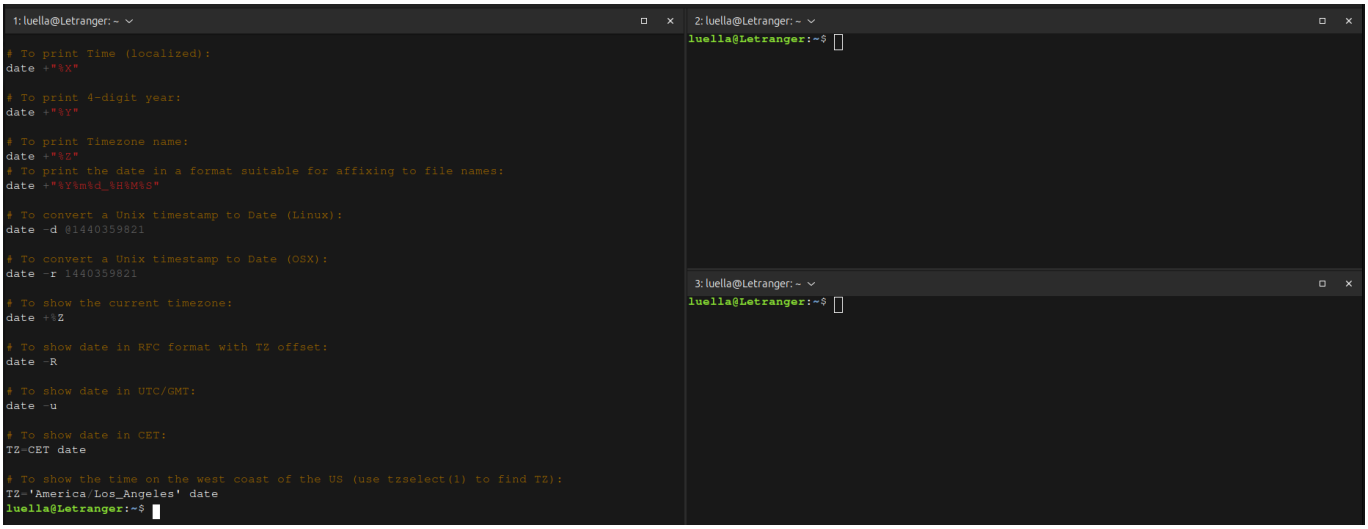
Practice 9


1: luella@Letranger: ~
luella@Letranger:~$ free --help
Usage:
free [options]
Options:
-b, --bytes show output in bytes
--kilo show output in kilobytes
--mega show output in megabytes
--giga show output in gigabytes
--tera show output in terabytes
--peta show output in petabytes
-k, --kibi show output in kibibytes
-m, --mebi show output in mebibytes
-g, --gibi show output in gibibytes
--tebi show output in tebibytes
--pebi show output in pebibytes
-h, --human show human-readable output
--si use powers of 1000 not 1024
-l, --lohi show detailed low and high memory statistics
-L, --line show output on a single line
-t, --total show total for RAM + swap
-v, --committed show committed memory and commit limit
-s N, --seconds N repeat printing every N seconds
-c N, --count N repeat printing N times, then exit
-w, --wide wide output
--help display this help and exit
-V, --version output version information and exit
For more details see free(1).
luella@Letranger:~$
2: luella@Letranger: ~
luella@Letranger:~$ man --help
Usage: man [OPTION...] [SECTION] PAGE...
-C, --config-file=FILE use this user configuration file
-d, --debug emit debugging messages
-D, --default reset all options to their default values
--warnings[=WARNINGS] enable warnings from groff
Main modes of operation:
-f, --whatis equivalent to whatis
-k, --apropos equivalent to apropos
-K, --global-apropos search for text in all pages
-l, --local-file interpret PAGE argument(s) as local filename(s)
-w, --where, --path, --location
print physical location of man page(s)
-W, --where-cat, --location-cat
3: luella@Letranger: ~
luella@Letranger:~$ date --help
Usage: date [OPTION]... [+FORMAT]
or: date [-u|--utc|--universal] [MMDDhhmm[[CC]YY][.ss]]
Display date and time in the given FORMAT.
With -s, or with [MMDDhhmm[[CC]YY][.ss]], set the date and time.
Mandatory arguments to long options are mandatory for short options too.
-d, --date=STRING display time described by STRING, not 'now'
--debug annotate the parsed date,
and warn about questionable usage to stderr
-f, --file=DATEFILE like --date; once for each line of DATEFILE
-I[FMT], --iso-8601[=FMT] output date/time in ISO 8601 format.
FMT='date' for date only (the default),
'hours', 'minutes', 'seconds', or 'ns'
for date and time to the indicated precision.
Example: 2006-08-14T02:34:56-06:00


1: luella@Letranger: ~
luella@Letranger:~$ whatis ls
LS (6) - display animations aimed to correct users who accidentally enter L...
ls (1) - list directory contents
luella@Letranger:~$ whatis pwd
pwd (1) - print name of current/working directory
luella@Letranger:~$ whatis apt
apt (8) - command-line interface
luella@Letranger:~$ whatis sudo
sudo (8) - execute a command as another user
luella@Letranger:~$
2: luella@Letranger: ~
luella@Letranger:~$ man --help
Usage: man [OPTION...] [SECTION] PAGE...
-C, --config-file=FILE use this user configuration file
-d, --debug emit debugging messages
-D, --default reset all options to their default values
--warnings[=WARNINGS] enable warnings from groff
Main modes of operation:
-f, --whatis equivalent to whatis
-k, --apropos equivalent to apropos
-K, --global-apropos search for text in all pages
-l, --local-file interpret PAGE argument(s) as local filename(s)
-w, --where, --path, --location
print physical location of man page(s)
-W, --where-cat, --location-cat
3: luella@Letranger: ~
luella@Letranger:~$ date --help
Usage: date [OPTION]... [+FORMAT]
or: date [-u|--utc|--universal] [MMDDhhmm[[CC]YY][.ss]]
Display date and time in the given FORMAT.
With -s, or with [MMDDhhmm[[CC]YY][.ss]], set the date and time.
Mandatory arguments to long options are mandatory for short options too.
-d, --date=STRING display time described by STRING, not 'now'
--debug annotate the parsed date,
and warn about questionable usage to stderr
-f, --file=DATEFILE like --date; once for each line of DATEFILE
-I[FMT], --iso-8601[=FMT] output date/time in ISO 8601 format.
FMT='date' for date only (the default),
'hours', 'minutes', 'seconds', or 'ns'
for date and time to the indicated precision.
Example: 2006-08-14T02:34:56-06:00

Practice 10


1: luella@Letranger: ~
luella@Letranger:~$ tldr echo
Error: Page cache not found. Please run `tldr --update` to download the cache.
Note: You can optionally enable automatic cache updates by adding the
following config to your config file:
[updates]
auto_update = true
The path to your config file can be looked up with `tldr --show-paths`.
To create an initial config file, use `tldr --seed-config`.
You can find more tips and tricks in our docs:
https://dbrgn.github.io/tealdeer/config_updates.html
luella@Letranger:~$ tldr date
Error: Page cache not found. Please run `tldr --update` to download the cache.
Note: You can optionally enable automatic cache updates by adding the
following config to your config file:
[updates]
auto_update = true
The path to your config file can be looked up with `tldr --show-paths`.
To create an initial config file, use `tldr --seed-config`.
You can find more tips and tricks in our docs:
https://dbrgn.github.io/tealdeer/config_updates.html
luella@Letranger:~$ S
2: luella@Letranger: ~
luella@Letranger:~$ sudo snap install cheat
snap "cheat" is already installed, see 'snap help refresh'
luella@Letranger:~$ cheat
Usage:
cheat [options] [<cheatsheet>]
Options:
--init Write a default config file to stdout
-a --all Search among all cheatpaths
-c --colorize Colorize output
-d --directories List cheatsheet directories
-e --edit=<cheatsheet> Edit <cheatsheet>
-l --list List cheatsheets
-p --path=<name> Return only sheets found on cheatpath <name>
-r --regex Treat search <phrase> as a regex
-s --search=<phrase> Search cheatsheets for <phrase>
3: luella@Letranger: ~
To show the current timezone:
date +%Z
To show date in RFC format with TZ offset:
date -R
To show date in UTC/GMT:
date -u
# To show date in CET:
TZ=CET date
# To show the time on the west coast of the US (use tzselect(1) to find TZ):
TZ='America/Los_Angeles' date
luella@Letranger:~$


1: luella@Letranger: ~
To print Time (localized):
date +"%X"
To print 4-digit year:
date +"%Y"
To print Timezone name:
date +"%Z"
To print the date in a format suitable for affixing to file names:
date +"%Y%m%d_%H%M%S"
To convert a Unix timestamp to Date (Linux):
date -d @1440359821
To convert a Unix timestamp to Date (OSX):
date -r 1440359821
To show the current timezone:
date +%Z
To show date in RFC format with TZ offset:
date -R
To show date in UTC/GMT:
date -u
# To show date in CET:
TZ=CET date
# To show the time on the west coast of the US (use tzselect(1) to find TZ):
TZ='America/Los_Angeles' date
luella@Letranger:~$
2: luella@Letranger: ~
luella@Letranger:~$
3: luella@Letranger: ~
luella@Letranger:~$