

Lab 1

Use the `man` page for the `uname` utility to find out which option you should use if you want to only display the "kernel-release" (short or long format are both fine)

```
UNAME(1)                                User Commands

NAME
    uname - print system information

SYNOPSIS
    uname [OPTION]...

DESCRIPTION
    Print certain system information.  With no OPTION, same as -s.

    -a, --all
        print all information, in the following order, except omit -p and -i if

    -s, --kernel-name
        print the kernel name

    -n, --nodename
        print the network node hostname

    -r, --kernel-release
        print the kernel release
```

```
vagrant@ubuntu2210:~$ uname -r
5.19.0-26-generic
vagrant@ubuntu2210:~$
```

Use a `man` option to search for (not in) the man page of a utility that could be used to create a new user.

Your screenshot should demonstrate the command used, and that you have successfully found a utility that could be used to create a new user.

```
USERADD(8)                                System Management Commands

NAME
    useradd - create a new user or update default new user information
```

Make a new directory in your users home directory. The new directory should be ****week-two****

```
vagrant@ubuntu2210:~$ mkdir ~/week-two
vagrant@ubuntu2210:~$ ls
week-two
vagrant@ubuntu2210:~$
```

Use the man page for the `date` command to find out how to format output of the date command.

You want to format the output so that `date` will display the hour (00..23) and minutes (00..59) or in the format "21:43"

SYNOPSIS

```
date [OPTION]... [+FORMAT]
date [-u|--utc|--universal] [MMDDhhmm[[CC]YY][.ss]]
```

```
%H      hour (00..23)
%I      hour (01..12)
%j      day of year (001..366)
%k      hour, space padded ( 0..23); same as %_H
%l      hour, space padded ( 1..12); same as %_I
%m      month (01..12)
%M      minute (00..59)
```

```
week-two
vagrant@ubuntu2210:~$ man date
vagrant@ubuntu2210:~$ date +"%H:%M"
06:28
```

Find the section in the man man page (the man page for man) that shows you how to open a man page from a specific section.

```
-k, --apropos
```

```
Equivalent to apropos. Search the short manual page descriptions for keywords and display any matches.  
See apropos(1) for details.
```

By default the command `man passwd` will open the first section entry.

Which command would you use to open the man page for passwd in section 5?

```
vagrant@ubuntu2210:~$ man 5 passwd  
vagrant@ubuntu2210:~$
```