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Lab 1

Task 1:

- Absolute Path:

/usr/include

Task 2:

- Relative Path from /dev
to file /bin/ls:

../bin/ls

Task 3:

Answer these questions?

a. What are the permissions on the file?

<u>user</u>	<u>group</u>	<u>other</u>
rw-	rw-	r--

b. Who owns the file?

Ryan

c. What group is associated with the file?

Ryan

d. Are you in the group?

Yes

e. Write down the names of all groups you are in:

Ryan, adm, cdrom, sudo, dip, plugdev, lpadmin, sambashare

3. `chmod 125 foo`

4. `rm foo`

=> `rm`: remove write-protected
regular empty file 'foo'? y

Task 4:

2. `-a` => do not ignore entries
starting with `.`

`-l` => use a long listing format

`-R` => list sub-directories
recursively

3. The output of `ls` just lists
directories and regular files
while `ls -a` lists directories,
regular files, and all hidden
files like `.` files and `.`
directories.

4. Time (1)

NAME: time - run programs and summarize system resource usage

Time (2)

NAME: time - get time in seconds

5. man(1)

NAME: man - an interface to the system reference manuals

Task 5:

2. /home/ryan

3. cd ..

4. /home

5. drwxr-xr-x

Task 6:

1. ELF 64-bit LSB shared object
2. foo; empty
3. ASCII text
4. directory

Task 7:

4. head -5 ~/.bash_history
5. tail -10 ~/.bash_history

Task 8:

1. cp ~/.bash_history ~/.dotbashhistory
2. You need read permissions on user in order to copy a file

3. cp: overwrite 'dot bashhistory'?

4. The permissions are the same on each file but the date is later on the file dot bashhistory. 12:47 => 13:21

5. cp -p ~/.bash_history dot bashhistory

Task 9:

1. mv ~/dot bashhistory
~/dot bashhistory.old

Task 10:

1. rm ~/dot bashhistory.old

Task 11:

1. mkdir ~/Foo

2. `drwxrwxr-x`

3. `mkdir ~/Foo/Bar`

Task 12:

1. `rmdir`: failed to remove

`(/home/ryan/Foo)`: Directory
not empty

2. `rmdir ~/Foo/Bar`
`rmdir ~/Foo`

3. `rm -rf ~/Foo`