

CSE 15L
Winter 2017
Homework 2

Due date: Monday 01/23/17 at 11:30pm

1. (1 points)

These are the current permissions of a file named *temp*: `--xr-xrw-`

What are the permissions after executing the following command: `chmod ug+rw temp`?

2. (1 point)

Starting off with the answer from number (1) what would be the resulting permissions after

The following command: `chmod 421 temp`?

3. (1 point)

Write the command you would use to locate all of the “.java” files in your current directory without using `ls`? Your command should be case-sensitive (it should **not** ignore case).

4. (1 points)

You type in `echo $?` into the terminal and it prints out `127`. Did the command you entered immediately before `echo $?` execute successfully? If not, state the reason for the error.

5. (1 point)

Use the _____ command to display the contents of a file one page at a time.

6. (1 point)

I have a directory called `work`. What is the first letter of the permission string for `work`?

7. (1 point)

You have a script called `hello.sh` in your home directory. Write a command to give yourself the permissions to execute the file `~/hello.sh`, without changing the existing permissions of ‘others’

8. (1 point)

What would be the result of this command assuming that `temp` doesn’t exist in the destination account and assuming you are in the home directory when executing the following command:

`scp -r other@ieng6-201.ucsd.edu:~/temp .`

9. (1 point)

I have a folder called `Lab2`. I run the following commands:

`tar cvf Lab2.tar Lab2`

`gzip -r Lab2`

Write the two commands, in order, needed to undo the changes I just made.

10. (1 point)

What is the main difference between `gzip` and `tar`, in terms of what types of files they work on?

11. (1 point)

Try giving these two commands:

`$ echo cat`

`$ cat echo`

Explain the differences between the output of each command.