

Name: _____

Quiz 01 (25 points maximum)

1. (8 pts) Use the recursive listing on the left to write commands to do the operations listed in the table on the right. **At the beginning, you are connected to the directory named `practice` in the listing.** The first one is done for you. **Use relative paths!**

```
$ pwd
/students
$ ls -RFC
.:
tmp/

./tmp:
exercises/  home/  test/

./tmp/exercises:
asmt01/  asmt02/

./tmp/exercises/asmt01:
old

./tmp/exercises/asmt02:
b  typescript

./tmp/home:
practice/  unix/

./tmp/home/practice:
foo

./tmp/home/unix:
a  nav

./tmp/test:
$ cd tmp/home/practice
```

a. Display the contents of the file `b`cat ../../exercises/asmt02/bb. Display the contents of the file `nav`c. list the directory `asmt02`d. list the directory `tmp` recursivelye. display the contents of the file `old`f. using a relative path, change directory to the directory named `exercises`g.[you are now in `exercises`].
Display the contents of the file `b`h. using a relative path, change directory to `/students/tmp`i. [you are in `/students/tmp`]
List the directory `practice`

1. ____/12

2. ____/6

3. ____/7

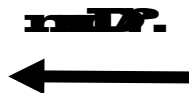
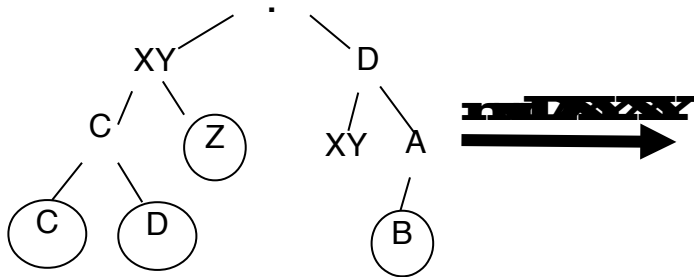
____/25

2. (4 pts) You are on *hills* working at the command-line. You are in a subdirectory of your home directory named `cs160a` (i.e., `~/cs160a`). You need to transfer the file `practice`, which is in your home directory, to another Linux system named `x.org`. On `x.org` you want to place it in your home directory, with the same name (`practice`). Assume your login on both systems is `avallej4`.

Indicate in the table below which of the sets of commands accomplishes this transfer.

command(s)	works? (circle Yes or No)	
<code>sftp x.org</code> <code>put ../practice</code> <code>quit</code>	YES	NO
<code>scp ../practice avallej4@x.org:.</code>	YES	NO
<code>scp avallej4@x.org:~/practice ..</code>	YES	NO
<code>scp ~/avallej4/practice x.org:</code>	YES	NO

3. (1 pt) You are logged into **student.com**. Write a command using **scp** to recursively transfer the directory **/pub/cs/grwoo/FAKEDIRECTORY** from *hills* to your current directory. Use your real login on hills. (Assume that your hills login is different from the one on **student.com**)
4. (1 pt) Is it possible to do the above task easily using **sftp**? **YES** **NO** (circle one)
5. (1 pt) At the beginning of a script session that you are handing in for an assignment you must insert a comment and execute three commands to output three types of information. Fill in the missing one below:
- ```
$# Your Name Assignment X
$ date
$ id
$ _____
```
6. (3 pts) Starting with the tree below (where you are connected to **.**), apply each command and draw the resulting tree. Then apply the indicated command and draw the next result, etc. You must draw a total of three trees. If the command gets an error, indicate so, as well as the [partial] result.



(1 pt each) Write **complete commands** using **1s** and wildcards to list visible items below **in the current directory only.** (**For full credit, you must use language-independent character sets**) Dont worry about hidden filenames. List only the items whose names:

7. end with an alphabetic character
8. contain a character that is either a comma, a period or a dash
9. contain at least one space character (only the space character, not any whitespace character)
10. is at least three characters long. Each character can be any character.
11. List all items in your home directory whose names start with a number
12. List all items in **/pub/cs/grwoo/FAKEDIR/** whose name contains a period
13. (1 pt) In this class there are two midterms (quizzes). Both quizzes count in your final grade, with the following exception (circle the letter of **each** answer that is true)
  - a. if you miss a quiz, the previous quiz counts double
  - b. if you miss a quiz, the next quiz counts double (or the weight of the final is increased by half)
  - c. if you have a really bad quiz, you can surrender it when you take it - it is as though you missed it.
  - d. you are limited to missing one quiz
  - e. if you have a really bad quiz, you can surrender it when it is returned - it is as though you missed it.