

## Feedback — Module 1 Quiz

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Thank you. Your submission for this quiz was received.

You submitted this quiz on **Wed 9 Sep 2015 10:56 PM PDT**. You got a score of **10.00** out of **10.00**.

### Question 1

Which of the following Unix commands can be used to view the content of a file?

Your Answer	Score	Explanation
<input type="radio"/> uniq		
<input type="radio"/> pwd		
<input checked="" type="radio"/> tail	✓ 1.00	
<input type="radio"/> cp		
Total	1.00 / 1.00	

### Question 2

Which of the following commands can be using to compress the content of a file?

Your Answer	Score	Explanation
<input checked="" type="radio"/> gzip	✓ 1.00	
<input type="radio"/> head		
<input type="radio"/> rm		
<input type="radio"/> sort		

Total

1.00 / 1.00

## Question 3

The file “months” lists each of the 12 months on a separate line, and no further lines. What would be the result if the following command was run:

```
``cat months | head -1000 | wc -l``
```

Your Answer	Score	Explanation
<input checked="" type="radio"/> 12	✓ 1.00	
<input type="radio"/> 15		
<input type="radio"/> 100		
<input type="radio"/> year		
Total	1.00 / 1.00	

## Question 4

What is the effect of using the pipe operator ‘|’ in a sequence of commands:

Your Answer	Score	Explanation
<input type="radio"/> Divide the command into smaller sections for easy reading only, with no other effect on the results		
<input type="radio"/> Re-direct standard error only		
<input checked="" type="radio"/> Re-direct the standard input or standard output of a command	✓ 1.00	
<input type="radio"/> Re-direct standard input only		
Total	1.00 / 1.00	

## Question 5

If typing 'pwd' produces "/home/userA/Coursera/L1/", which of the following commands will list the file content of the current directory?

Your Answer	Score	Explanation
<input type="radio"/> sort *   ls		
<input type="radio"/> mkdir L1		
<input type="radio"/> more *.txt		
<input checked="" type="radio"/> ls .	✓ 1.00	
Total	1.00 / 1.00	

## Question 6

Suppose your current working directory is "/home/Coursera/L1/", and "peach", "apple" and "pear" are subdirectories, each containing a single file named "genome". What would be the current directory, as reported by running the 'pwd' command, after each of the four commands in the sequence below:

```
...  
    cd apple  
    rm *  
    cd ../..  
    mv apple plum  
...
```

Your Answer	Score	Explanation
<input checked="" type="radio"/>	✓ 1.00	

/home/Coursera/L1/apple  
 /home/Coursera/L1/apple  
 /home/Coursera  
 /home/Coursera

☐

apple  
 apple  
 Coursera  
 L1

☐

L1  
 Coursera  
 apple  
 plum

☐

/home/Coursera/L1/apple  
 L1/apple  
 L1  
 /home/Coursera/L1

Total

1.00 / 1.00

## Question 7

Consider the file "seasons" with the following columns separated by spaces ' ':

...

January 1 winter

...

December 12 winter

...

What would be the sequence of outputs for the following commands:

``cut -d ' ' -f1,3 seasons | sort -u | wc -l" and "cut -f1 seasons | sort  
 | uniq -c | wc -l`` ?

**Your Answer**

**Score**

**Explanation**

☐

4, 3

☐ 3, 12

☒ 12, 12


1.00

☐ 12, 3

Total

1.00 / 1.00

## Question 8

Your current working directory is named “Plants”. Its subdirectory “apple” contains the files “apple.genome”, “apple.samples” and “apple.genes”. What would be the result of the command `rm -r apple`?

Your Answer

Score

Explanation

☐ Only the content of the “apple” directory will be removed

☐ The directory apple will be removed and all of its files will be redirected elsewhere

☒ The command will have no effect, since the directory is not empty


1.00

☐ None of these choices

Total

1.00 /  
1.00

## Question 9

Suppose that you have two files, A and B, containing experiment data:

```

'''

```

File A:

File B:

geneA +

geneB +

geneB +

geneC +

geneC -

```
...
```

What would be the sequence of outputs for the commands:

```
...
```

- ```
(1) comm -3 A B | wc -l
(2) comm -1 -3 A B | wc -l
(3) comm -2 A B | wc -l
...
```

| Your Answer                              | Score       | Explanation |
|------------------------------------------|-------------|-------------|
| <input type="radio"/> 3,2,4              |             |             |
| <input type="radio"/> 3,2,3              |             |             |
| <input checked="" type="radio"/> 3, 1, 3 | ✓ 1.00      |             |
| <input type="radio"/> 4,1,3              |             |             |
| Total                                    | 1.00 / 1.00 |             |

## Question 10

The current working directory contains four subdirectories named “apple”, “pear”, “peach” and “strawberry”, each with the following files: “genome”, “genes” and “samples”. Which of the following commands would extract the top line from all of the “genes” files?

| Your Answer                                                       | Score       | Explanation |
|-------------------------------------------------------------------|-------------|-------------|
| <input type="radio"/> more apple/genes                            |             |             |
| <input type="radio"/> mkdir apple2                                |             |             |
| <input checked="" type="radio"/> head -1 */genes strawberry/genes | ✓ 1.00      |             |
| <input type="radio"/> cat */genes   head -1                       |             |             |
| Total                                                             | 1.00 / 1.00 |             |

