Module 1 Quiz

Quiz, 10 questions

10/10 points (100%)

✔ **Congratulations! You passed!**

<div style="border:1px solid">Next Item</div>

✔   1 / 1
     points

1.
Which of the following Unix commands can be used to view the content of a file?

○ more

▲

Correct

○ gzip

○ ls

○ cp

✔   1 / 1
     points

2.
Which of the following commands can be using to compress the content of a file?

○ rmdir

○ gzip

▲

Correct

○ cd

○ top

Module 1 Quiz

Quiz, 10 questions   ✔ 1 / 1
                                      points

10/10 points (100%)

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:

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

○ February

○ March

○ January

◉ 12

Correct

                    ✔ 1 / 1
                    points

4.
What is the effect of using the pipe operator '|' in a sequence of commands:

○ Re-direct standard error only

○ Act as a character separator between different shell commands, without any effects on the outcome

○ Replace the ';' sequencing operator in a complex command

◉ Re-direct the standard input or standard output of a command

Correct

                    ✔ 1 / 1
                    points

Module 1 Quiz

5.

If typing 'pwd' produces "/home/userA/Coursera/L1/", which of the following commands will list the file content of the current directory?   **10/10 points (100%)**

◯ sort * | ls

◯ uniq –c

◯ cat .

◯ **ls .**

Correct

✔   1 / 1
         points

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:

```
1    ```
2        cd apple
3        rm *
4        cd ../..
5        mv apple plum
6    ```
```

◯
```
1    /home/Coursera/L1/apple
2    /home/Coursera/L1/apple
3    /home/Coursera
4    /home/Coursera
```

Correct

◯
```
1    /home/Coursera/L1/apple
2    /home/Coursera/L1/apple
3    /home/Coursera/L1/apple
4    /home/Coursera/L1/plum
```

◯
```
1    /home/Coursera/
2    L1/appleL1/apple
3    L1
4    /home/Coursera/L1
```

◯
```
1    /home/Coursera/L1/apple/genome
2    /home/Coursera/L1
3    /home/Coursera/apple
4    /home/Coursera/plum
```
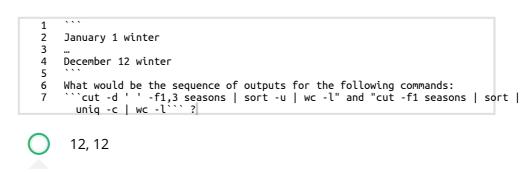
Module 1 Quiz

✔

1 / 1
points

10/10 points (100%)

7.

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

```
1    ```
2    January 1 winter
3    …
4    December 12 winter
5    ```
6    What would be the sequence of outputs for the following commands:
7    ```cut -d ' ' -f1,3 seasons | sort -u | wc -l" and "cut -f1 seasons | sort |
       uniq -c | wc -l``` ?
```

◯ 12, 12

▲

Correct

◯ 3, 12

◯ 12, 3

◯ 4, 4

✔

1 / 1
points

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 ```rmdir apple```?

◯ None of these choices

◯ 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

▲

Correct

◯ Only the content of the "apple" directory will be removed

1 / 1

✔   points

Module 1 Quiz

9.

10/10 points (100%)

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

```
 1   ```
 2   File A:              File B:
 3
 4   geneA   +            geneB    +
 5   geneB   +            geneC    +
 6   geneC   -
 7   ```
 8   What would be the sequence of outputs for the commands:
 9   ```
10   (1) comm -3 A B | wc -l
11   (2) comm -1 -3 A B | wc -l
12   (3) comm -2 A B | wc -l
13   ```
```

○ 1,1,3

○ 1,1,4

● 3, 1, 3

Correct

○ 1,2,4

✔   1 / 1 points

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?

● head -1 *p*/genes strawberry/genes

Correct

○ more apple/genes

○ mkdir apple2

○ less apple/genes

Module 1 Quiz

10/10 points (100%)

Quiz, 10 questions