Comprehension Check Part 2 (Verified Learners Only)

For the following questions, it will likely be useful for you to make use of **help** functions.

Question 11

1/1 point (graded)

The commands in the pipeline `$ cat result.txt | grep "Harvard edX" | tee file2.txt | wc -l` perform which of the following actions?

- ○ From result.txt, select lines containing "Harvard edX", store them into file2.txt, and print all unique lines from result.txt.

- ○ From result.txt, select lines containing "Harvard edX", and store them into file2.txt.

- ● From result.txt, select lines containing "Harvard edX", store them into file2.txt, and print the total number of lines which were written to file2.txt. ✔

- ○ From result.txt, select lines containing "Harvard edX", store them into file2.txt, and print the number of times "Harvard edX" appears.

Explanation

`grep` is used for matching, `tee` is used for writing files and `wc -l` prints the number of lines.

| Submit | You have used 2 of 2 attempts |

ℹ Answers are displayed within the problem

Question 12

1/1 point (graded)

How is `git rebase` used?

○ To switch branches or restore working tree files

○ Uses a binary search to find the commit that introduced a bug

◉ To reapply commits on top of another base tip ✔

○ To reset the current HEAD to the specified state

○ To download objects and refs from another repository

Explanation
check by `git --help`

| Submit | You have used 1 of 2 attempts |

ⓘ Answers are displayed within the problem

Question 13

1/1 point (graded)
Which of the following statements is wrong about Advanced Unix Executables, Permissions, and File Types?

◉ In Unix, all programs are files/executables except for commands like `ls`, `mv`, and `git`. ✔

○ `which git` allows a user to find the path to git.

○ When users create executable files themselves, they cannot be run just by typing the command - the full path must be typed instead.

○ `ls -l` can be used to inspect the permissions of each file.

Explanation
`ls`, `mv`, and `git` are executables as well.

| Submit | You have used 1 of 2 attempts |

Question 14

1/1 point (graded)

Which of the following commands correctly copies all files which are named as `file-???.r` (e.g `file-abc.r`, `file-qwe.r`, `file-123.r`) into the directory named `your_directory`?

- ⦿ `cp file-???.r ./your_directory` ✔️

- ○ `cp file-*.r ./your directory`

- ○ `cp file-[a-z].r ./your_directory`

- ○ `cp file-???.* ./your_directory`

Explanation

`cp file-*.r ./your directory` and `cp file-???.* ./your_directory` are incorrect.
`cp file-[a-z].r ./your_directory` does not include `file-123.r`.

Submit   You have used 1 of 2 attempts