**Comprehension Check Part 2 (Verified Learners Only)**

**Question 7**

1/1 point (graded)

What does each of ~, ., .., / represent, respectively?

Current directory, Home directory, Root directory, Parent directory

Home directory, Current directory, Parent directory, Root directory

Home directory, Hidden directory, Parent directory, Root directory

Root directory, Current directory, Parent directory, Home directory

Home directory, Parent directory, Home directory, Root directory

correct

You have used 1 of 2 attempts Some problems have options such as save, reset, hints, or show answer. These options follow the Submit button.

**Question 8**

1/1 point (graded)

Suppose you want to delete your project directory at ./myproject. The directory is not empty - there are still files inside of it.

Which command should you use?

rmdir myproject

rmdir ./myproject

rm -r myproject

rm ./myproject

correct

You have used 1 of 2 attempts Some problems have options such as save, reset, hints, or show answer. These options follow the Submit button.

**Question 9**

1/1 point (graded)

The source function reads a script from a url or file and evaluates it. Check ?source in the R console for more information.

Suppose you have an R script at ~/myproject/R/plotfig.R and getwd() shows ~/myproject/result, and you are running your R script with source('~/myproject/R/plotfig.R').

Which R function should you write in plotfig.R in order to correctly produce a plot in ~/myproject/result/fig/barplot.png?

ggsave('fig/barplot.png'), because this is the relative path to the current working directory.

ggsave('../result/fig/barplot.png'), because this is the relative path to the source file ("plotfig.R").

ggsave('result/fig/barplot.png'), because this is the relative path to the project directory.

ggsave('barplot.png'), because this is the file name.

correct

You have used 1 of 2 attempts Some problems have options such as save, reset, hints, or show answer. These options follow the Submit button.

**Question 10**

0.5/1 point (graded)

Which of the following statements about the terminal are not correct?

Select ALL that apply.

echo is similar to cat and can be used to print.

The up arrow can be used to go back to a command you just typed.

You can click on the terminal to change the position of the cursor

For a long command that spans three lines, we can use the up-arrow to navigate the cursor to the first line.

partially correct

You have used 2 of 2 attempts Some problems have options such as save, reset, hints, or show answer. These options follow the Submit button.

**Question 11**

1/1 point (graded)

Which of the following statements about the filesystem is not correct?

The home directory is where the system files that come with your computer exist.

The name of the home directory is likely the same as the username on the system.

File systems on Windows and Mac are different in some ways.

Root directory is the directory that contains all directories.

correct

You have used 2 of 2 attempts Some problems have options such as save, reset, hints, or show answer. These options follow the Submit button.

**Question 12**

1/1 point (graded)

Which of the following meanings for options following less are not correct?

(Hint: use man less to check.)

-g: Highlights current match of any searched string

-i: case-insensitive searches

-S: automatically save the search object

-X: leave file contents on screen when less exits.

correct

You have used 1 of 2 attempts Some problems have options such as save, reset, hints, or show answer. These options follow the Submit button.

**Question 13**

0.75/1 point (graded)

Which of the following statements is incorrect about preparation for a data science project?

Select ALL that apply.

Always use absolute paths when working on a data science project.

Saving .RData every time you exit R will keep your collaborator informed of what you did.

Use ggsave to save generated files for use in a presentation or a report.

Saving your code in a Word file and inserting output images is a good idea for making a reproducible report.

partially correct

You have used 2 of 2 attempts